

Anexa nr. 7
la Documentația standard nr. _____
din "_____" _____ 20____

CERERE DE PARTICIPARE

Către PRIMARIA COMUNEI CHIRCAIESTII-NOI, 7714, MOLDOVA, Căușeni, s.Chircăieștii Noi, Stefan cel Mare si Sfint nr.44

Stimați domni,

Ca urmare a anunțului/invitației de participare/de preselecție apărut în Buletinul achizițiilor publice și/sau Jurnalul Oficial al Uniunii Europene, nr. ocds-b3wdp1-MD-1767699657224 din 19/01/2026 (ziua/luna/anul), privind aplicarea procedurii pentru atribuirea contractului Pubele pentru gestionarea deșeurilor, noi „Eximotor SA”, am luat cunoștință de condițiile și de cerințele expuse în documentația de atribuire și exprimăm prin prezenta interesul de a participa, în calitate de ofertant/candidat, neavând obiecții la documentația de atribuire.

Data completării 16.01.2026 Cu stimă,



Ofertant/candidat

.....
(semnătura autorizată)





"EXIMOTOR" SA

Rețea de magazine auto

Anexa nr. 8

la Documentația standard nr. _____
din "____" _____ 20____

DECLARAȚIE privind valabilitatea ofertei

Către PRIMARIA COMUNEI CHIRCAIESTII-NOI, 7714, MOLDOVA, Căușeni, s.Chircăieștii Noi,
Stefan cel Mare si Sfint nr.44

Stimați domni,

Ne angajăm să menținem oferta valabilă, privind Pubele pentru gestionarea deșeurilor, prin procedura de achiziție Cererea ofertelor de prețuri (bunuri) pentru o durată de 60 (șaizeci) zile, (durata în litere și cifre), respectiv până la data de 20.03.2026 (ziua/luna/anul), și ea va rămâne obligatorie pentru noi și poate fi acceptată oricând înainte de expirarea perioadei de valabilitate.

Data completării 16.01.2025 Cu stimă,

Ofertant/candidat
.....
(semnătura autorizată)



Specificații de preț

[Acest tabel va fi completat de către ofertant în coloanele 5,6,7,8 și 11 la necesitate, iar de către autoritatea contractantă – în coloanele 1,2,3,4,9,10]

	Numărul procedurii de achiziție: <u>ocds-b3wdp1-MD-1767699657224</u> din <u>19/01/2026</u>
	Obiectul de achiziției: <u>Pubele pentru gestionarea deșeurilor</u>

Cod CPV	Denumirea bunurilor/serviciilor	Unitatea de măsură	Cantitatea	Preț unitar (fără TVA)	Preț unitar (cu TVA)	Suma fără TVA	Suma cu TVA	Termenul de livrare/prestare	Clasificație bugetară (IBAN)	Discount %
1	2	3	4	5	6	7	8	9	10	11
	Bunuri/servicii							Livrarea in termen de 30 zile de la semnarea contractului		
44613800-8	Lotul 1									
	Tomberon 120l Premium	Buc.	380	418,42	502,10	159 000 ,00	190 800,00			
	TOTAL					159 000 ,00	190 800,00			

Semnat: _____ Numele, Prenumele: Socolova Natalia În calitate de: Director

Ofertantul: Eximotor Sa Adresa: mun.Chisinau , str. Aerodromului 15/6

+



"EXIMOTOR" SA

Rețea de magazine auto

Anexa nr. 22
la Documentația standard nr. _____
din "____" _____ 20____

I. Specificații tehnice

Numărul procedurii de achiziție . _____ ocds-b3wdp1-MD-1767699657224 din 19/01/2026						
Obiectul achiziției: _____ Pubele pentru gestionarea deșeurilor						
Denumirea bunurilor/serviciilor		Denumirea modelului bunului/serviciului	Țara de origine	Produ- cătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant
1		2	3	4	5	6
Bunuri/servicii						Standarde de referință 7
Lot 1	Tomberon din Plastic cu capac si roti din cauciuc 120L	Tomberon 120L Premium	Serbia	Plastic Gogic	Conform caietului de Sarcina	Descriere
						Volum : 120l Latime (Fata) 480 mm Adancime (Laterala) 550 mm Inaltime 964 mm Greutate proprie 9 kg Grosimea peretelui Min 3 mm Certificat conform EN ISO 45001 (sănătate și securitate în muncă) Certificat conform EN ISO 50001 (managementul energiei) Certificat conform EN ISO 14001 (managementul de mediu)

Adresa juridică: RM, mun. Chișinău, MD-2024, str. Aerodromului 15/6
Adresa poștală: RM, mun. Chișinău, MD-2005, str. Albisoara 38A
tel. 0 22 407-747; fax. 0 22 407-956
e-mail: director@coleso.md
www.coleso.md



c/f 1002600034712
TVA 0603690
BC "ProCredit Bank" SA
c/d 2251130060160201
BIC: PRCBMD22



"EXIMOTOR" SA

Rețea de magazine auto

					Certificat conform EN ISO 9001 Cerinte de calitate : Pubelele au o dovadă calificată de asigurare a calității RAL pe tot parcursul. Cerințele pentru asigurarea calității sunt specificate în reglementările de calitate și testare ale RAL-GZ 951/1 pentru coșurile de deșeuri din plastic și materiale reciclabile. Marca de calitate RAL este stampilat pe coș : DA Pubelele sunt noi și să respecta cerințele tehnice ale EN 840 de la 1 pana la 6 Pubelele au un cuib/loc special sub recipientul frontal în conformitate cu EN 30745 (pentru cipul electronic de identificare). : DA Reglementările de protecție împotriva zgomotului conform Directivei CE 2000/14/CE, cu marcarea nivelului de putere acustică garantată și marcajul CE : DA Material și sustenabilitate Pubelele trebuie să fie din Polietilena de inalta densitate (HDPE) rezistenta la conditiichimice, biologice meteorologice, precum si la radiatii UV : DA	
--	--	--	--	--	--	--

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"EXIMOTOR" SA

Rețea de magazine auto

					Certificare Europeana TUV Conformitatea cu cerințele tehnice și monitorizarea neutră a producției trebuie dovedita prin certificatul de atribuire corespunzător al TUV. : DA Construcție recipient frontal Receptorul frontal este compatibil cu echipamentele de ridicare cu receptor tip pieptene în conformitate cu DIN EN 1501. Receptorul frontal este întărit pe partea inferioară cu nervuri de tip grilă : DA Construcție corp Corpurile recipientelor sunt suficient de stabile dimensional și fabricate fără sudură prin turnare prin injecție : DA Tub de prindere Tubul de prindere continuă permite prinderea în siguranță și fără răni a pubelelor, are un diametru de cel puțin 27 mm și este legat de corp cu cel puțin 3 nervuri. : DA Capacul este atașat la tubul mânerului cu cel puțin 2 balamale și poate fi deschis prin intermediul a 2 mânere cu arc sau o bandă de mâner : DA Culoare Corpurile trebuie sunt colorate în întregime în negru, similar cu RAL 7021. :	
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Adresa juridică: RM, mun. Chișinău, MD-2024, str. Aerodromului 15/6
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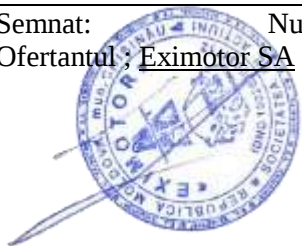


"EXIMOTOR" SA

Rețea de magazine auto

						DA Roți și axe Pubelele : sunt cu axe metalice reciclabile non-corozive din otel galvanizat sau acoperit cu compozit plastic. Roți din cauciuc solid fără întreținere cu diametrul de 200 mm. Acestea pot fi montate și demontabile prin alunecare și prindere: DA Este posibilă stivuirea a până la 14 recipiente pe stivă. : DA	
Total lot							

Semnat: Numele, Prenumele: Socolova Natalia În calitate de : Director
Ofertantul : Eximotor SA , Adresa : mun.Chisinau , str.Albisoara 38A, MD2005



Adresa juridică: RM, mun. Chișinău, MD-2024, str. Aerodromului 15/6
Adresa poștală: RM, mun. Chișinău, **MD-2005, str.Albisoara 38A**
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TVA 0603690
BC "ProCredit Bank" SA
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BIC: PRCBMD22



GUVERNUL
REPUBLICII
MOLDOVA



SERVICIUL FISCAL DE STAT



CERTIFICAT

privind lipsa sau existența restanțelor față de bugetul public național

Nr.
№

1136712

Din
От

08.01.2026 11:36



DATE DESPRE CONTRIBUABIL / ИНФОРМАЦИЯ О НАЛОГОПЛАТЕЛЬЩИКЕ

Codul fiscal / Numărul de identificare

Фискальный код / Идентификационный номер

1002600034712

Denumirea

Наименование

SOCIETATEA PE ACȚIUNI "EXIMOTOR"



ATESTAREA LIPSEI SAU EXISTENȚEI RESTANȚELOR CONFORM DATELOR SISTEMULUI INFORMAȚIONAL AUTOMATIZAT / ПОДТВЕРЖДЕНИЕ ОТСУТСТВИЯ ИЛИ НАЛИЧИЯ ЗАДОЛЖНОСТЕЙ СОГЛАСНО ДАННЫМ ИНФОРМАЦИОННОЙ АВТОМАТИЗИРОВАННОЙ СИСТЕМЫ

La data emiterii prezentului certificat restanța față de bugetul public național constituie

На дату выдачи данной справки задолженность перед национальным публичным бюджетом составляет

0 MDL



VALABIL PÂNĂ LA / ДЕЙСТВИТЕЛЕН ДО

23.01.2026 11:36



Prezentul document este eliberat în temeiul Art. 29, alin. (3) din Legea cu privire la registre nr. 71/2007 și în baza datelor furnizate de Serviciul Fiscal de Stat în Portalul Guvernamental al Cetățeanului și al Unităților de Drept / Справка выдана в соответствие со ст. 29 п. (3) Закона о реестрах № 71/2007 на основании данных, предоставленных Государственной налоговой службой на Портале Правительства Гражданина и Юридических Лиц.

Generat și semnat de Portalul Guvernamental al Cetățeanului și al Unităților de Drept la 08.01.2026 11:36

Prezentul certificat este semnat electronic în conformitate cu Legea nr.124 din 19.05.2022

Сертификат подписан электронной подписью в соответствии с Законом № 124 от 19.05.2022



Certificatul este descărcat din Portalul Guvernamental al Cetățeanului și al Unităților de Drept (mcabinet.gov.md) și este semnat electronic de către posesorul acestui portal și are același valoare juridică ca și documentele eliberate pe suport de hârtie de către organele cu atribuții de administrare fiscală. Verificarea autenticității semnăturii electronice poate fi realizată cu ajutorul Serviciului Guvernamental de Semnătură Electronică (msign.gov.md)

Сертификат скачен с Правительственного Портала Гражданина и Юридических Лиц (mcabinet.gov.md) и подписан электронной подписью владельца портала и имеет такую же юридическую силу, как и документы выдаваемые на бумаге органами налоговой администрации. Проверку подлинности электронной подписи можно осуществить с помощью Государственной Службой Электронной Подписью (msign.gov.md)

Certificate of Registration

This is to certify that the Management System of:

MNG PLASTIK GOGIC d.o.o.
Kralja Petra I 227,22320 Inđija, Srbija

has been approved by Alcumus ISOQAR and is compliant
with the requirements of:

ISO 14001:2015
SRPS ISO 14001:2015

SCOPE OF REGISTRATION

Production of Plastic Materials and Plastic Containers, Plastic Tables and Chairs and Similar Objects.
Proizvodnja plastičnih materijala i plastičnih kontejnera, plastičnih stolova i stolica i sličnih predmeta.

CERTIFICATE NUMBER: 6513-EMS-001

Initial Registration Date:	26 September 2007
Previous Expiry Date:	26 September 2025
Recertification Audit Date:	9 August 2025
Re-issue Date:	30 September 2025
Current Expiry Date:	26 September 2028

SIGNED



Jim Anderson, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

Alcumus ISOQAR Limited, Cobra Court, 1 Blackmore Road, Stretford, Manchester M32 0QY
T: 0161 865 3699 E: isoqarenquires@alcumus.com W: isoqar.com
This certificate is the property of Alcumus ISOQAR and be returned on request.



REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

SOCIETATEA PE ACȚIUNI "EXIMOTOR"
ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT

Numărul de indentificare de stat - codul fiscal
1002600034712

Data înregistrării

12.06.1995

Data eliberării

20.01.2005

Iovu Galina, registrator de stat

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

G. Iovu
semnătură

MD 0011311





I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

Extras

**din Registrul de stat al persoanelor juridice
nr. 166541 din 03.02.2025**



Denumirea completă: **SOCIETATEA PE ACȚIUNI "EXIMOTOR".**

Denumirea prescurtată: **"EXIMOTOR" S.A.**

Forma juridică de organizare: **Societate pe acțiuni.**

Numărul de identificare de stat și codul fiscal: **1002600034712**

Data înregistrării de stat: **12.06.1995**

Sediu: **MD-2024, strada Aerodromului 15, ap. 6, mun. Chișinău, Republica Moldova.**

Genurile de activitate:

1. Comerț cu autoturisme și autovehicule ușoare (sub 3,5 tone);
2. Comerț cu alte autovehicule;
3. Întreținerea și repararea autovehiculelor;
4. Comerț cu ridicata de piese și accesorii pentru autovehicule;
5. Comerț cu amănuntul de piese și accesorii pentru autovehicule;
6. Comerț cu motociclete, piese și accesorii aferente; întreținerea și repararea motocicletelor;
7. Comerț cu ridicata al aparatelor electrice de uz gospodăresc, al aparatelor de radio și televizoarelor;
8. Comerț cu ridicata al altor bunuri de uz gospodăresc;
9. Comerț cu ridicata al mașinilor agricole, echipamentelor și furniturilor;
10. Comerț cu ridicata al mașinilor-unelte;
11. Comerț cu ridicata al mașinilor pentru industria minieră și construcții;
12. Comerț cu ridicata al altor mașini și echipamente;
13. Comerț cu ridicata al deșeurilor și resturilor;
14. Comerț cu ridicata nespecializat;
15. Comerț cu amănuntul în magazine nespecializate, cu vânzare predominantă de produse nealimentare;
16. Repararea mașinilor;
17. Repararea echipamentelor electrice;
18. Repararea și întreținerea altor echipamente de transport;
19. Repararea altor echipamente;
20. Colectarea deșeurilor nepericuloase;
21. Colectarea deșeurilor periculoase;
22. Lucrări de construcții a clădirilor rezidențiale și nerezidențiale;
23. Comerț cu amănuntul al articolelor și aparatelor electrocasnice, în magazine specializate;
24. Comerț cu amănuntul al mobilei, al articolelor de iluminat și al articolelor de uz casnic n.c.a., în magazine specializate;
25. Comerț cu amănuntul al echipamentelor sportive, în magazine specializate;
26. Comerț cu amănuntul al jocurilor și jucăriilor, în magazine specializate;
27. Comerț cu amănuntul al altor bunuri noi, în magazine specializate;
28. Comerț cu amănuntul prin standuri, chioșcuri și piețe al altor produse;
29. Comerț cu amănuntul prin intermediul caselor de comenzi sau prin Internet;
30. Comerț cu amănuntul efectuat în afara magazinelor, standurilor, chioșcurilor și piețelor;
31. Transporturi rutiere de mărfuri;
32. Depozitări;
33. Activități de servicii anexe pentru transporturi terestre;
34. Alte activități poștale și de curier;
35. Alte intermediieri financiare n.c.a.;
36. Închirierea și exploatarea bunurilor imobiliare proprii sau închiriate;
37. Activități de consultanță pentru afaceri și management;
38. Activități ale agențiilor de publicitate;



39. Servicii de reprezentare media;

Capitalul social: **600000 Lei**

Administrator(i): **SOCOLOVA NATALIA.**

Beneficiari efectivi: **SOCOLOVA NATALIA.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr.220/2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de 03.02.2025

Specialist coordonator

Aurelia Racu

tel. 022-207839





BC „MOLDINDCONBANK” S.A.

Sucursala „Corporate”

Republica Moldova, MD 2001
mun. Chișinău, str. Tighina, 25
Tel. : (373 22) 62-45-44

Data 19. IUN. 2025

Nr. 41-09/261

Республика Молдова, MD 2001,
мун. Кишинэу, ул. Тигина, 25
Тел. : (373 22) 62-45-44

CERTIFICAT

B.C. „Moldindconbank” S.A. confirmă că "EXIMOTOR" S.A. IDNO 1002600034712 la data de 18.06.2025 deține următoarele conturi bancare:

Nr.	IBAN	Valuta
1	MD38ML000000022512092160	MDL
2	MD38ML000000022512092160	USD
3	MD38ML000000022512092160	EUR
4	MD38ML000000022512092160	RUB



_____ (semnătura reprezentantului Băncii)

Paulina Danoi (NP)

Director Sucursala (functia)

Executor - Elena Dumbravanu (12930), Sucursala Corporate
Tel.- 080011111
Data/ora - 18.06.2025 / 17:30
CCF4

Certificate of Registration

This is to certify that the Management System of:

MNG PLASTIK GOGIC d.o.o.
Kralja Petra I 227,22320 Inđija, Srbija

has been approved by Alcumus ISOQAR and is compliant
with the requirements of:

ISO 9001:2015
SRPS ISO 9001:2015

SCOPE OF REGISTRATION

Production of Plastic Materials and Plastic Containers, Plastic Tables and Chairs and Similar Objects.
Proizvodnja plastičnih materijala i plastičnih kontejnera, plastičnih stolova i stolica i sličnih predmeta.

CERTIFICATE NUMBER: 6513-QMS-001

Initial Registration Date:	26 September 2007
Previous Expiry Date:	26 September 2025
Recertification Audit Date:	9 August 2025
Re-issue Date:	30 September 2025
Current Expiry Date:	26 September 2028

SIGNED



Jim Anderson, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

Alcumus ISOQAR Limited, Cobra Court, 1 Blackmore Road, Stretford, Manchester M32 0QY
T: 0161 865 3699 E: isoqarenquires@alcumus.com W: isoqar.com
This certificate is the property of Alcumus ISOQAR and be returned on request.



Certificate of Registration

This is to certify that the Management System of:

MNG PLASTIK-GOGIĆ DOO INĐIJA

**Kralja Petra I 227,
22320 Inđija, Srbija**

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 45001:2018

SRPS ISO 45001:2018



Certificate Number:

6513-OHS-001

Initial Registration Date:

7 November 2017

Previous Expiry Date:

7 November 2023

Recertification Date:

9 August 2023

Re-issue Date:

9 November 2023

Current Expiry Date:

7 November 2026

Scope of Registration:

Production of Plastic Materials and Plastic Containers, Plastic Tables and Chairs and Similar Objects

Signed:

Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)



A handwritten signature in blue ink, appearing to read 'Alyn Franklin'.

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

Anlage / Appendix 1 zu / to



Zertifikat / Certificate

S 60177552

Blatt / Page

0001

Ihr Zeichen / Client Reference

Unser Zeichen / Our Reference

Ausstellungsdatum / Date of issue

HU24SD1R 001

26.08.2024

Bezeichnung /Designation:	Abmessungen /Overall dimensions (L x W x H) [mm]	Gewicht /Weight [kg]	Nominal Nutzmasse /Max. permissible mass [kg]	Werkzeug Nr. /Mold number (Behälter / Deckel) (Body / lid)
60 Liter Urban	445 x 522 x 935	8,5	50	WB.525.60.M15.K1 / WB.527.60/80.M15.K2
80 Liter Urban	445 x 522 x 935	8,1	50	WB.524.80.M15.K1 / WB.527.60/80.M15.K2
120 Liter Premium	480 x 550 x 964	9,1	60	WB.307.120.M1.K1 / WB.307.120.M1.K2
120 Liter Twin	489 x 541 x 953	8,0	60	WB.355.120.M4.K1 / WB.355.120.M4.K2
120 Liter Urban	480 x 555 x 950	8,2	60	WB.562.120.M15.K1 / WB.528.120.M15.K2 WB.689.120.M15.K1 / WB.690.120.M15.K2
140 Liter Standard	480 x 550 x 1055	9,1	70	WB.181.140.M2.K1 / WB.356.140.M3.K2
240 Liter H	585 x 740 x 1070	12,7	110	WB.216.240.M5.K1 / WB.216.240.M5.K2
240 Liter Premium	578 x 734 x 1080	12,7	110	WB.309.240.M1.K1 / WB.308.240.M1.K2
240 Liter Twin	584 x 710 x 1064	11,1	110	WB.358.240.M4.K1 / WB.358.240.M4.K2
240 Liter Standard	580 x 740 x 1070	12,8	110	WB.357.240.M3.K1 / WB.357.240.M3.K2
240 Liter Standard UL	580 x 740 x 1085	13,0	110	WB.357.240.M3.K1 / WB.529.240.M15.K2
240 Liter Urban	578 x 731 x 1080	11,6	110	WB.697.240.M15.K1 / WB.529.240.M15.K2
360 Liter Urban	596 x 880 x 1099	15,1	160	WB.484.360.M15.K1 / WB.485.360.M15.K2

Material: HDPE Behälter /Container;
Gummiräder /Rubber wheels
Achse aus Stahl /Steel axle

Tibor Mózes

Tibor Mózes

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

S 60177552 0001

Berichtsnummer Report No.:

HU24SD1R 001

Genehmigungsinhaber License Holder:

MNG PLASTIK-GOGIC doo Indjija

Kralja Petra I 227

22320 Indjija

Serbia

Fertigungsstätte Manufacturing Site:

MNG PLASTIK-GOGIC doo Indjija

Kralja Petra I 227

22320 Indjija

Serbia

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

EN 840-1:2020

EN 840-5:2020

EN 840-6:2020

RAL-GZ 951/1/08.23

AfPS GS 2019:01 PAK

Geräteidentifikation
Product Identification
Produkt:

Waste Bin

Product:

(Mobile waste container)

Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Anlage / Appendix 1

Technical Data:
Gültig bis:

2029-08-25

Date of expiry:
Gültig ab:

2024-08-26

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-08-26

Date of issue:

Mózes Tibor



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
 Produkt und Fertigungsstätte erfüllen § 20 des
 Produktsicherheitsgesetzes.
 This certificate is based on our Testing and Certification Regulation.
 The provisions of §20 Product Safety Act are complied with.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

S 60177552 0001

Berichtsnummer *Report No.:*

HU24SD1R 001

Produkt *Product:*

Waste Bin
(Mobile waste container)

Modell *Type:*

Bezeichnung *Designation:*

Fahrbare Abfall- und Wertstoffbehälter mit 2 Rädern
/Mobile waste and recycling container with 2 wheels

60 Liter Urban
80 Liter Urban
120 Liter Premium
120 Liter Twin
120 Liter Urban
140 Liter Standard
240 Liter H
240 Liter Premium
240 Liter Twin
240 Liter Standard
240 Liter Standard UL
240 Liter Urban
360 Liter Urban

Ersetzt Zertifikat /Replaces certificate S 60154388, S 60156985



Waste bin 120l Premium Series



TECHNICAL DATA:

Volume: 120 lt

Dimensions: 550 x 480 x 964 mm

Weight: approx. 9,00 kg

Material: HDPE, UV-stabilized,
resistant to high and low temperatures

Wheels: 2 rubber wheels Ø200

Corrosion-free steel axle

Foot board

Reinforced comb receiver
(honey-comb structure)

Additional reinforcement on
all walls – form of curved surface

Lip-handle lid

Axle bearing in the stack
at the edge of container

OPTIONS:

Recycling inserts for PET, paper, packaging and glass

Foot pedal

Chip nest

Locking system

Noise reduction

Marking

Hot stamping

Colors: green, yellow, blue, dark grey, red, brown



Other colors on request.

ADVANTAGES OF HDPE MATERIAL:

Environment friendly

Long life expectancy

Can be recycled

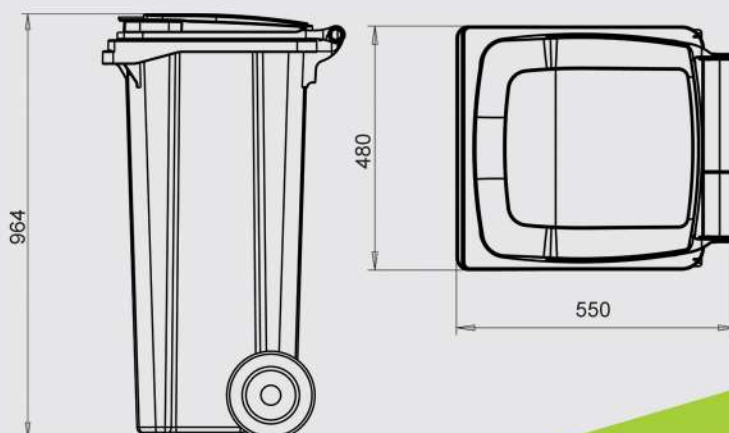
Frost-proof

Chemical resistance

High UV light resistance



DIMENSIONS:



EN 840



APROBAT
prin Ordinul
Ministrului Finanțelor
nr. 145 din 24 noiembrie 2020

DECLARAȚIE
privind confirmarea identității beneficiarilor efectivi și neîncadrarea acestora în
situația condamnării pentru participarea la activități ale unei organizații sau grupări
criminale, pentru corupție, fraudă și/sau spălare de bani.

Subsemnatul, Socolova Natalia reprezentant împuternicit al Eximotor SA (*denumirea operatorului economic*) în calitate de ofertant/ofertant asociat desemnat câștigător în cadrul procedurii de achiziție publică nr. ocds-b3wdp1-MD-1767699657224 din 19/01/2026, declar pe propria răspundere, sub sancțiunile aplicabile faptei de fals în acte publice, că beneficiarul/beneficiarii efectivi ai operatorului economic în ultimii 5 ani nu au fost condamnați prin hotărâre judecătorească definitivă pentru participarea la activități ale unei organizații sau grupări criminale, pentru corupție, fraudă și/sau spălare de bani.

Numele și prenumele beneficiarului efectiv	IDNP al beneficiarului efectiv
Socolova Natalia	0961303541877

Data completării: 16.01.2026
Semnat: _____
Nume/prenume: Socolova Natalia
Funcția: Director
Denumirea operatorului economic Eximotor SA
IDNO al operatorului economic 1002600034712



Prüfbericht-Nr.: Test report no.:	HU24SD1R 001	Auftrags-Nr.: Order no.:	301555956 P01357439	Seite 1 von 88 Page 1 of 88
Kunden-Referenz-Nr.: Client Reference No.:	1538986	Auftragsdatum: Order date:	2024-01-31	
Auftraggeber: Client:	MNG Plastik Gogic doo. SRB-22320, Serbia, Indija, Kralja Petra I bb			
Prüfgegenstand: Test item:	Fahrbare Abfall- und Werkstoffbehälter mit 2 Rädern / Mobile waste and recycling container with 2 wheels			
Bezeichnung / Typ-Nr.: Identification / Type No.:	60 Liter Urban, 80 Liter Urban, 120 Liter Premium, 120 Liter Twin, 120 Liter Urban, 140 Liter Standard, 240 Liter Premium, 240 Liter Twin, 240 Liter Standard, 240 Liter Standard UL, 240 Liter Urban, 240 Liter H, 360 Liter Urban			
Auftrags-Inhalt: Order content:	Mechanical partial test			
Prüfgrundlage: Test specification:	EN 840-1: 2020 EN 840-5: 2020 EN 840-6: 2020 RAL-GZ 951/1:2023 AfPS GS 2019:01			
Wareneingangsdatum: Date of receipt:	2024-02-01			
Prüfmuster-Nr.: Test sample No.:	A003655861-001, -004, -005, -014, -015, -017			
Prüfzeitraum: Testing period:	2024-02-01 – 2024-07-11			
Ort der Prüfung: Place of testing:	TÜV Rheinland InterCert Kft. H-1143 Bp., Gizella u. 51-57.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland InterCert Kft. H-1143 Bp., Gizella u. 51-57.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2024-08-26	Ausstellungsdatum: Issue date:		2024-08-26
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	Foreseeable misuse has been considered. Currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for this / these product(s). Hersteller/Manufacturer: MNG Plastik Gogic doo. The requirements of the decision AfPS GS 2019:01 PAK regarding PAHs were considered Attachment 1 – Photo documentation (72 pages) Mechanical partial test due to the changed standard from RAL-GZ 951/1:2013 to RAL-GZ 951/1:2023 for renewing the GS certificate S 60154388 and 60156985. The result of the test report of HU215TLC 001 (2021-06-08), HU215TLC 002 (2021-09-15), HU215TLC 003 (2023-05-16) HU215TLC 004(2024-07-17) and HU20XBGH 001 (2021-02-04) were considered.			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
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1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i>
3	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>
4	The report is issued electronically. It is valid in the digitally signed PDF file. You can find details on the Signature Panel, check the signature named „TUEV-RHEINLAND-DOCUMENTS“. Any printed version of this PDF file is considered as a copy, where the authenticity cannot be
5	

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Produktbeschreibung
Product description

1	Produktdetails <i>Product details</i>	Mobile waste and recycling container with 2 wheels 60 Liter Urban, 80 Liter Urban, 120 Liter Premium, 120 Liter Twin, 120 Liter Urban, 140 Liter Standard, 240 Liter Premium, 240 Liter Twin, 240 Liter Standard, 240 Liter Urban, 240 Liter Standard UL, 240 Liter H, 360 Liter Urban
2	Maße / Gewicht <i>Dimensions / Weight</i>	See at pages 84-88
3	Bedienelemente <i>Operating elements</i>	2 rubber wheels (Ø 200 mm), steel axle, plastic body, plastic lid, 2 x plastic lid fixing pins
4	Verwendete Materialien <i>Used materials</i>	HDPE (lid, body) , Rubber wheels, steel axle, plastic fixing pins
5	Sonstiges <i>Other</i>	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
6	Prüfmusterbereitstellung: <i>Test sample obtaining:</i>	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ others: manufacturer: MNG Plastik Gogic doo., SRB-22320, Serbia, Indija, Kralja Petra I bb

See at photo documentation	See at photo documentation
See at photo documentation	See at photo documentation

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Absatz	EN 840-1: 2020	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

1	Scope		
	This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 2 wheels, with capacity up to 400 l to be used by comb lifting devices.		
2	Normative references		
	See DIN EN 840-1:2020		
3	Terms and definitions		
	See DIN EN 840-1:2020		
4	Volumes		
	This standard identifies the two classes of containers: - Class I - small size (nominal volume up to 200 l); - Class II - large size (nominal volume between 200 l and 400 l). Within the two above-mentioned classes of containers the volumes shown in Table 1 are identified. For methods of measuring capacity, see EN 840-5. The volumes shown in Table 1 correspond to mobile waste and recycling container's capacities at present used in Europe. Since there are some overlapping capacities due to the tolerances, client and manufacturer shall decide while ordering the capacity chosen. Nominal volumes different from those referenced in Table 1 can be used by agreement between user and manufacturer. The tolerance of the volumes shall be $\pm 10\%$ maximum measured according to EN 840-5. Table 2 includes examples of the most frequent assignments of classes and volumes of the containers.	Class I a type a: • 60 Liter Urban • 80 Liter Urban Class I b: • 120 Liter Standard, • 120 Liter Urban • 120 Liter Premium, • 120 Liter Twin Class I c: • 140 Liter Standard Class II b: • 240 Liter Premium • 240 LiterTwin • 240 Liter Standard • 240 Liter Urban • 240 Liter Standard UL • 240 Liter H Class II c - type a: • 360 Liter Urban	P ☒ F ☐ N/A ☐ N/T ☐

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Absatz	EN 840-1: 2020	Messergebnisse - Bemerkungen	Bewertung
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	Table 1 — Volumes <table><tr><th colspan="11">Volume in l</th></tr><tr><td>60⁺¹³₋₅</td><td>80⁺¹⁸₋₆</td><td>120⁺⁸₋₆</td><td>140⁺⁶₋₁₂</td><td>180⁺⁴⁰₋₁₀</td><td>190⁺²⁵₋₁₀</td><td>210⁺¹⁵₋₅</td><td>240⁺¹⁵₋₅</td><td>260⁺²⁵₋₅</td><td>340⁺¹⁰₋₂₅</td><td>390 ± 20</td></tr></table>											Volume in l											60 ⁺¹³ ₋₅	80 ⁺¹⁸ ₋₆	120 ⁺⁸ ₋₆	140 ⁺⁶ ₋₁₂	180 ⁺⁴⁰ ₋₁₀	190 ⁺²⁵ ₋₁₀	210 ⁺¹⁵ ₋₅	240 ⁺¹⁵ ₋₅	260 ⁺²⁵ ₋₅	340 ⁺¹⁰ ₋₂₅	390 ± 20
Volume in l																																	
60 ⁺¹³ ₋₅	80 ⁺¹⁸ ₋₆	120 ⁺⁸ ₋₆	140 ⁺⁶ ₋₁₂	180 ⁺⁴⁰ ₋₁₀	190 ⁺²⁵ ₋₁₀	210 ⁺¹⁵ ₋₅	240 ⁺¹⁵ ₋₅	260 ⁺²⁵ ₋₅	340 ⁺¹⁰ ₋₂₅	390 ± 20																							
	Table 2 — Examples of the most frequent assignments of classes and volumes <table><tr><th>Class I a</th><th>Class I b</th><th>Class I c</th><th>Class I d</th><th>Class II a</th><th>Class II b</th><th>Class II c</th><th>Class II d</th></tr><tr><td>e.g. 60 l 80 l 90 l</td><td>e.g. 120 l 110 l</td><td>e.g. 140 l</td><td>e.g. 180 l 190 l</td><td>e.g. 210 l 190 l 180 l</td><td>e.g. 240 l</td><td>e.g. 340 l 260 l 360 l</td><td>e.g. 390 l 370 l 400 l</td></tr></table>											Class I a	Class I b	Class I c	Class I d	Class II a	Class II b	Class II c	Class II d	e.g. 60 l 80 l 90 l	e.g. 120 l 110 l	e.g. 140 l	e.g. 180 l 190 l	e.g. 210 l 190 l 180 l	e.g. 240 l	e.g. 340 l 260 l 360 l	e.g. 390 l 370 l 400 l						
Class I a	Class I b	Class I c	Class I d	Class II a	Class II b	Class II c	Class II d																										
e.g. 60 l 80 l 90 l	e.g. 120 l 110 l	e.g. 140 l	e.g. 180 l 190 l	e.g. 210 l 190 l 180 l	e.g. 240 l	e.g. 340 l 260 l 360 l	e.g. 390 l 370 l 400 l																										
5	Dimensions and design																																
5.1	The design of the containers need not correspond to the drawings given in Figure 1. The functional dimensions given in Tables 3 and 4 shall be respected. For compatibility in lifting devices, the container shall correspond to its dimensions within the selected class type (Table 3, Table 4).				functional dimensions correspond to Figure 1 (For dimensions, see from page 85-89)			P F N/A N/T	☒ ☐ ☐ ☐																								
5.2	The container shall be constructed so that when it is unloaded or loaded with a nominal load (see Clause 6), it fits on an approved compatible lifting device. It shall be automatically locked safely into the lifting device during the lifting operation. The frontal receiver shall correspond to one of the options given in Figure 2 (Form A or B).				correspond to Figure 2 Form A			P F N/A N/T	☒ ☐ ☐ ☐																								

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Absatz	EN 840-1: 2020	Messergebnisse - Bemerkungen	Bewertung
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5.3	The lid(s) shall cover the opening of the container completely. It shall be opened easily by itself during the emptying cycle. It/they shall be made with at least 2 fixing points and have at least one means of opening.	The containers lid are easy to use, easily move. 60 Liter Urban, 80 Liter Urban: 3 fixing points for the lid. H 240 Liter container: 4 fixing points Other containers: 2 fixing points	P ☒ F ☐ N/A ☐ N/T ☐
5.4	Each wheel shall be capable of withstanding a static load of 100 kg.	after 100kg load no deformation countducted	P ☒ F ☐ N/A ☐ N/T ☐
5.5	All the surfaces of the container including design features shall be smooth and free of any foreign bodies or flaws.	All the surfaces are free from any foreign bodies, and burrs.	P ☒ F ☐ N/A ☐ N/T ☐

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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation
5.6	The container shall be able to be immobilised by design.	For information	P ☒ F ☐ N/A ☐ N/T ☐
6	Nominal mass		
	The container shall be constructed strongly enough to carry a mass of 0,4 kg/dm ³ x nominal volume.	No crack or brakes during the tests with nominal load. (HDPE granulate) 60l container: 24 kg 80l container: 32 kg 120l containers: 48 kg 140l container: 56 kg 240l containers: 96 kg 360l container: 144 kg	P ☒ F ☐ N/A ☐ N/T ☐
7	Safety and health requirements		
	The container shall meet the safety and health requirements according to EN 840-6.	Please refer requirements form EN 840-6 (from page 39)	P ☒ F ☐ N/A ☐ N/T ☐
8	Testing		
	The container shall fulfil the performance requirements and the tests of EN 840-5.	Please refer EN 840-5 (from page 17)	P ☒ F ☐ N/A ☐ N/T ☐

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Absatz	EN 840-1: 2020	Messergebnisse - Bemerkungen	Bewertung
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9	Marking		
9.1	Each container complying with the requirements of this European Standard shall be durably and readably marked on the body in a visible part with: - number of this European Standard (EN 840-1); - nominal volume; - manufacturer's name or trademark; - total permissible mass, in kilograms; - year and month of manufacturing.	All the necessary information are on the surface of the containers in German. EU representative name and address are on the markings. (see at page 84-88)	P ☒ F ☐ N/A ☐ N/T ☐
9.2	Plastic parts of containers, lids and wheels shall be marked in accordance with EN ISO 11496. The use of recycled materials is allowed, presuming that all requirements of the standard are complied with.	suitable marking ASTM International Resin Identification Coding System symbols are used. (see in the photo documentation)	P ☒ F ☐ N/A ☐ N/T ☐

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10	Designation		
	The container complying with the requirements of this European Standard shall be designated as follows:	Container EN 840-1 60 A 24 Container EN 840-1 80 A 32 Container EN 840-1 120 A 48 Container EN 840-1 140 A 56 Container EN 840-1 240 A 96 Container EN 840-1 360 A 144	P ☒ F ☐ N/A ☐ N/T ☐
	Container EN 840-1 240 A 96 Description Standard number Nominal volume, in litres Frontal receiver form: A = frontal receiver form A B = frontal receiver form B Nominal load, in kilograms <!-- Vertical lines for connections --> <!-- Horizontal lines for connections -->		

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Table 3 — Dimensions for containers - Class I (up to 200 l)

Dimensions in millimetres

Dimen- sion N°	Class I a		Class I b	Class I c	Class I d	Remarks
	Type a	Type b				
1a	448 ± 5	480 ± 5	505 max.	505 max.	505 max.	Total width of the container
2a	448 ± 5	480 ± 5	480 ± 5	480 ± 5	480 ± 5	Width of the frontal receiver
3	530 max.	555 max.	555 max.	555 max.	755 max.	
4	1 005 max		1005 max.	1 100 max.	1 100 max.	Total height including handles on the lid
5a	860 min.; 970 max.		860 min.; 970 max.	860 min.; 1030 max.	860 min.; 1030 max.	
6	450 max.	490 max.	490 max.	490 max.	500 max.	
7	1 010 max.		1010 max.	1 155 max.	1 200 max.	
8	430 min.; 670 max.		430 min.; 670 max.	430 min.; 670 max.	560 min.; 760 max	For 300 mm wheels, the maximum dimension is 70 mm more.
10	320 ± 10	385 max	385 max.	385 max.	410 max.	
11a	200 ⁺¹ ₋₅		200 ⁺¹ ₋₅	200 ⁺¹ ₋₅	200 ⁺¹ ₋₅	Larger wheels accepted
12a	19 min.		19 min.	19 min.	19 min.	
13a	6 ⁺² _{-4,5}		6 ⁺² _{-4,5}	6 ⁺² _{-4,5}	6 ⁺² _{-4,5}	
15a	13 ⁺⁵ ₋₃		13 ⁺⁵ ₋₃	13 ⁺⁵ ₋₃	13 ⁺⁵ ₋₃	
16a	21 ⁺² ₋₂		21 ⁺² ₋₂	21 ⁺² ₋₂	21 ⁺² ₋₂	
18a	26 ± 1		26 ± 1	26 ± 1	26 ± 1	
19a	58 max.		58 max.	58 max.	58 max.	
20	20 min.		20 min.	20 min.	20 min.	
21a	130 max.		130 max.	130 max.	130 max.	
22	15 max.		15 max.	15 max.	15 max.	
23	33 ⁺⁸ ₀		33 ⁺⁸ ₀	33 ⁺⁸ ₀	33 ⁺⁸ ₀	

Text Kursiv

Absatz	EN 840-1: 2020	Messergebnisse - Bemerkungen	Bewertung
<i>Clause</i>	<i>Anforderungen - Prüfungen / Requirements - Tests</i>	<i>Measuring results - Remarks</i>	<i>Evaluation</i>

Dimension N°	Class I a		Class I b	Class I c	Class I d	Remarks
	Type a	Type b				
26 ^a	147 ± 8	180 ± 5	180 ± 5	180 ± 5	180 ± 5	Compulsory dimensions when ribs are fitted, max. ribs thickness 6 mm A middle rib is only allowed with class II a type a, class II b, class II c, class II d type b.
27	270° min.		270° min.	270° min.	270° min.	
28	413 min	445 min	445 min. ^b	445 min. ^b	445 min.	The dimension No 28 has to correspond to Figure 3 and the lifting device. Definition in accordance with comb dimension, standard and identification character of EN 1501-5:—

^a Compulsory dimensions for functional and safety reasons. The other dimensions indicated are suggested recommended values.

^b This dimension in Class I b and Class I c is to be maintained as minimum for new designed containers. For earlier containers applies up to 420 min.

NOTE Dimensions 9, 14, 17, 24 and 25 are no longer used and have been deleted from the table as a result.

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Table 4 — Dimensions for containers – Class II (>200 l)

Dimensions in millimetres

Dimension N°	Class II a		Class II b	Class II c ^d		Class II d		Remarks
	Type a	Type b		Type a ^b	Type b ^c	Type a ^c	Type b ^c	
1 ^a	546 ± 5		580 ± 5	640 max.	665 max.	755 ⁺⁵ ₋₁₅		Total width of the container
2 ^a	546 ± 5	480 ± 5	580 ± 5	590 +10/ -25	565 min 655 max	745 ⁺⁵ ₋₁₅	660 ± 10	Width of the frontal receiver
3	730 max.		740 max.	880 max.		810 max.		
4	1 100 max.		1 100 max.	1 115 max.		1 100 max.		Total height including handles on the lid
5 ^a	860 min.; 1 030 max.		860 min.; 1 030 max.	860 min.; 1 030 max.		860 min.; 1 030 max.		
6	565 max.		590 max.	650 max.		775 max.		
7	1 180 max.		1 190 max.	1 250 max.		1 200 max.		
8	560 min.; 760 max.		560 min; 760 max.	560 min; 760 max.		560 min.; 760 max.		For 300 mm wheels, the maximum dimension is 70 mm more.
10	515 ± 15		430 ⁺²⁰ ₋₃₀	565 max.		722 ± 5		
11 ^a	200 ⁺¹ ₋₅		200 ⁺¹ ₋₅	200 ⁺¹ ₋₅		200 ⁺¹ ₋₅		Larger wheels accepted
12 ^a	19 min.		19 min.	19 min.		19 min.		
13 ^a	6 ⁺² _{-4,5}		6 ⁺² _{-4,5}	6 ⁺² _{-4,5}		6 ⁺² _{-4,5}		
15 ^a	13 ⁺⁵ ₋₃		13 ⁺⁵ ₋₃	13 ⁺⁵ ₋₃		13 ⁺⁵ ₋₃		
16 ^a	21 ⁺² ₋₂		21 ⁺² ₋₂	21 ⁺² ₋₂		21 ⁺² ₋₂		
18 ^a	26 ± 1		26 ± 1	26 ± 1		26 ± 1		
19 ^a	58 max.		58 max.	58 max.		58 max.		
20 ^a	20 min.		20 min.	20 min.		20 min.		
21 ^a	130 max.		130 max.	130 max.		130 max.		
22	15 max.		15 max.	15 max.		15 max.		
23 ^a	33 ⁺⁸ ₀		33 ⁺⁸ ₀	33 ⁺⁸ ₀		33 ⁺⁸ ₀		
26 ^a	291 ± 5	180 ± 5	291 ⁺³ ₋₅	300 ⁺⁵ ₋₁₀		390 ⁺⁵ ₋₁₀	291 ± 5	Compulsory dimensions when ribs are fitted, max. ribs thickness 6 mm. A middle rib is only allowed with class

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Dimension N°	Class II a		Class II b	Class II c ^d		Class II d		Remarks
	Type a	Type b		Type a ^b	Type b ^c	Type a ^c	Type b ^c	
								If a type a, class II b, class II c, class II d type b.
27	270° min.		270° min.	270° min.		270° min.		
28	525 min.	445 min.	545 min.	554 min.	549 min.	714 min.	630 min.	The dimension No 28 has to correspond to Figure 3 and the lifting device. Definition in accordance with comb dimension, standard and identification character of EN 1501-5:—.

* Compulsory dimensions for functional and safety reasons. The other dimensions indicated are suggested recommended values.

^b Lifting device with comb width 1 280 mm (EN 1501-5:—): 2 containers can be emptied at the same time.

^c Lifting device with comb width 1 280 mm (EN 1501-5:—): only 1 single container can be emptied.

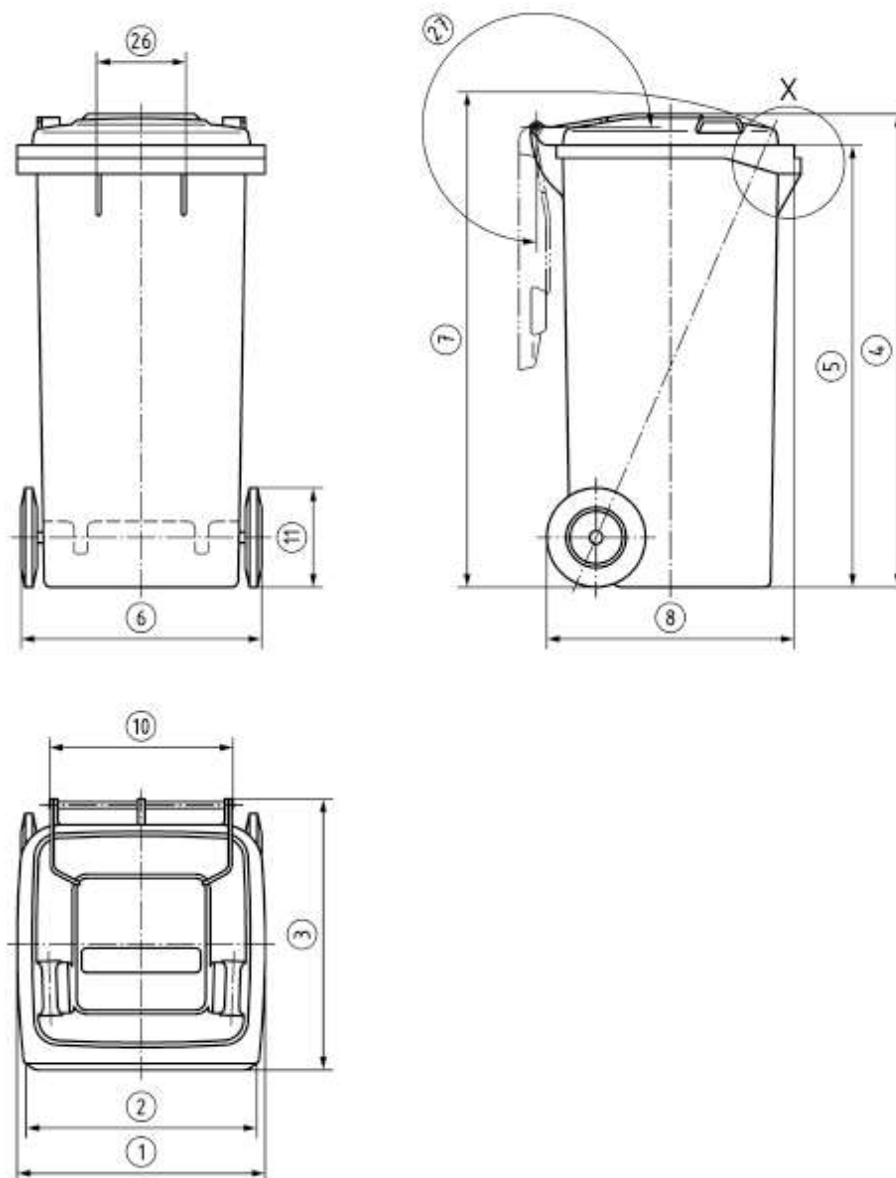
^d It is recommended not to design new containers within this class II c type b.

NOTE Dimensions 9, 14, 17, 24 and 25 are no longer used and have been deleted from the table as a result.

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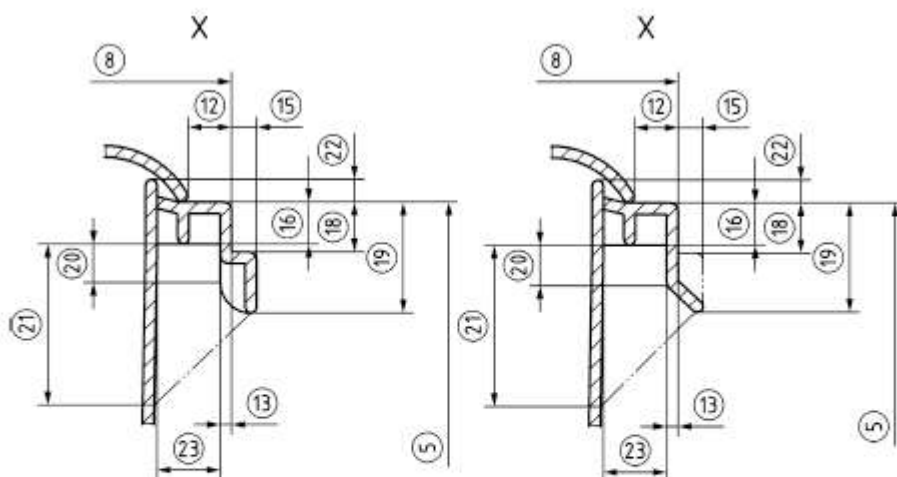
NOTE For more details regarding the dimensions, see Tables 3 and 4.

Figure 1 — System dimensions

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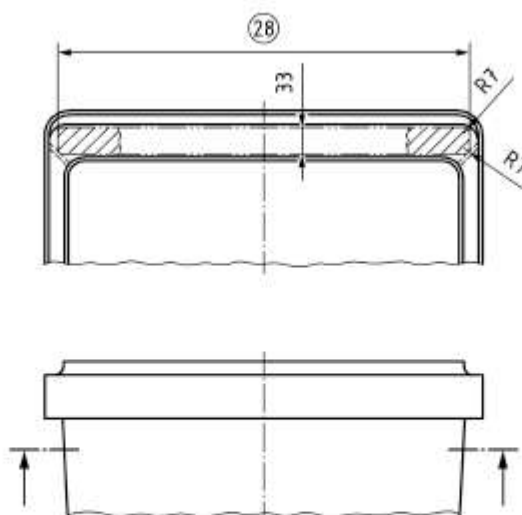
A Form A

B Form B

NOTE For more details regarding the dimensions, see Tables 3 and 4.

Figure 2 — Frontal receiver

Dimensions in millimetres



NOTE Depth 33 mm keep in mind minimum width (28). The width can be interrupted by centering ribs if ribs are present. Dimension (28) is to measure with suitable measuring equipment. For more details regarding the dimensions, see Tables 3 and 4.

Figure 3 — Functional dimension for frontal receivers

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A	Annex A (informative) - Nomenclature
	See DIN EN 840-1:2020

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	Scope		
	This European Standard gives the test methods for mobile waste and recycling containers according to EN 840-1 to EN 840-4. It also gives the levels to be reached during the tests or after they have been done. This European Standard is applicable to mobile waste and recycling containers with capacities up to 1 700 l.		
2	Normative references		
	See DIN EN 840-5:2020		
3	Terms and definitions		
	See EN 840-5:2020		
4	Tests		
4.1	General		
	Before and after the tests a visual inspection of the container shall be done for the purpose of: a) checking that the container is not damaged and has no visual defect; b) checking that the manufacturing characteristics of the container to be tested are those specified in the standards applying to the container according to EN 840-1 to EN 840-4; c) comparing the condition of the container before and after the sequence of the tests. After completing the tests some deformation of the container is permissible, however, it shall remain entirely functional.		
4.2	Control before the tests		
4.2.1	Visual aspects		
	No obvious damage, cracks, bubbles, large flashes or sharp edges shall be present. No surface defects (un-smooth areas; trails in colour) perceivable from a distance of 1 m by the naked eye shall be visible.	No damage, cracks.	P ☒ F ☐ N/A ☐ N/T ☐

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4.2.2	Compatibility with EN 840-1 to EN 840-4		
4.2.2.1	Components		
	Body, lid, wheels and other fittings shall conform to the relevant container standard.	Please refer test report of EN 840-1, -5, -6	P ☒ F ☐ N/A ☐ N/T ☐
4.2.2.2	Sizes and dimensions		
	Functional and safety dimensions for the container and its components shall be checked according to the figures and the relevant tables of EN 840-1 to EN 840-4.	Please refer test report of EN 840-1 (For dimensions, see from page 85-89)	P ☒ F ☐ N/A ☐ N/T ☐
4.2.2.3	Volumes		
	The volumes of container shall be measured: a) for the body, by tank method; b) for the lid, by tank method; c) volume results in a) and b) minus any duplicated volumes. The volumes shall be within the tolerances according to EN 840-1 to EN 840-4. For containers according to EN 840-3 volume measurement by means of calculation is allowed.	Please refer test report of EN 840-1	P ☒ F ☐ N/A ☐ N/T ☐

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4.2.2.4	Tank method		
	The test equipment shall consist of a tank with sufficient capacity to receive the container to be tested. The test procedure is as follows: - place the empty container in a tank, the container shall not be inclined; - simultaneously fill the tank and the container with water at a temperature of $(15 \pm 5)^{\circ}\text{C}$; - measure the quantity of water inside the container. Accuracy of measurement shall be $\pm 1 \%$ of the measured capacity of the container.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60 Liter urban ; Waste bin 80 Liter urban HU215TLC 001 (2021-06-08): 120 Liter Premium, 240 Liter Standard, 240 Liter Premium, 240 Liter Standard UL, 240 Liter H, 360L Urban: HU215TLC 002 (2021-09-15): 120 Liter Urban HU215TLC 003 (2023-05-16): 120 Liter Twin, 240 Liter Twin: HU215TLC 004 (2024-07-17): 120 Liter Urban, 140 Liter Standard, 240 Liter Urban	P ☒ F ☐ N/A ☐ N/T ☐
4.2.3	Deflection for comb lifting system		
	The frontal receiver shall have a horizontal deflection of no more than: a) 1,5 % of the length of the frontal receiver for plastic; b) 0,6 % of the length for steel. For other systems the values are to be defined when the systems are standardised.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60 Liter urban ; Waste bin 80 Liter urban HU215TLC 001 (2021-06-08): 120 Liter Premium, 240 Liter Standard, 240 Liter Premium, 240 Liter Standard UL, 240 Liter H, 360L Urban: HU215TLC 002 (2021-09-15): 120 Liter Urban HU215TLC 003 (2023-05-16): 120 Liter Twin, 240 Liter Twin: HU215TLC 004 (2024-07-17): 120 Liter Urban, 140 Liter Standard, 240 Liter Urban Max measured deflection: 0,6%	P ☒ F ☐ N/A ☐ N/T ☐
4.2.4	Masses		
	The tolerances on the container mass claimed are as follows: for plastic containers $\pm 5 \%$ and for metal containers $\pm 10 \%$.	for reference	P ☒ F ☐ N/A ☐ N/T ☐

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4.2.5	Colour		
	The colour shall be defined and agreed between customer and supplier. For colour measurement, differences and tolerances refer to existing International Standards.		
4.2.6	Marking		
	Marking of the container shall correspond to EN 840-1 to EN 840-4.	Please refer test report of EN 840-1 (See at page 80-84 and EN 840-1:2020, clause 9.1 on page 8)	P ☒ F ☐ N/A ☐ N/T ☐
4.3	Control after the tests		
	Not withstanding variations in deflection and sizes, it shall be possible to lift and tilt the container loaded according to 4.5 with nominal load safely on the designated lifting equipment and to move the container on its wheels.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban Possible to lift and tilt the loaded containers with the device. No damages, cracks	P ☒ F ☐ N/A ☐ N/T ☐
4.4	Conditions of the test		
	The tests shall be carried out at the following temperatures: — $T_1 = (23 \pm 5) ^\circ\text{C}$ — $T_2 = (-18_{-2}^0) ^\circ\text{C}$. The minimum duration of conditioning before testing at a test temperature T2 shall be 12 h. If the test shall be carried out outside the room conditioned at T2 it shall be carried out within 5 min after taking the test pieces from the conditioned room. If the duration of the tests is more than 5 min, then the container shall be kept in the conditioned room for at least 15 min before a new 5 min period of testing. For special purposes a temperature lower than -18 °C or higher than 23 °C can be agreed; in this case it shall be indicated in the test report.		

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4.5	Test load		
	For the test the containers are to be filled with ballast bags of HDPE granules of 4 kg max., with granules having a density of 0,5 kg/dm ³ . The test load shall be 0,4 kg/dm ³ multiplied by nominal volume, but not more than 440 kg.		
4.6	Other test conditions		
	Any other test conditions shall be defined within the tests involved.		
4.7	Tests on the containers		
4.7.1	General		
	All tests shall be carried out on new containers		
4.7.2	Impact tests by ball drop		
	The ball drop test is not compulsory for steel containers. The ability of sensitive points of the container to resist impacts at low temperature shall be tested under conditions in 4.4. The 2-wheeled containers shall be placed on a concrete or steel surface in the normal position. There shall be a steel frame between the concrete surface or the steel surface and the container so that the complete area of the bottom of the container can be deflected during the test. The 4-wheeled containers shall stand on their wheels. Ball drop tests shall be carried out using a 5 kg steel cylinder, diameter 65 mm, with hemispheric end radius of 32,5 mm. The steel cylinder is guided in a vertical pipe with a slot or with holes in order to allow the air to escape during the drop. The device shall be according to Figure 1.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban Possible to lift and tilt the loaded containers with the device. No damages, cracks Drop height according to the RAL-GZ 951/1:2013 and 2023: 1m	P ☒ F ☐ N/A ☐ N/T ☐

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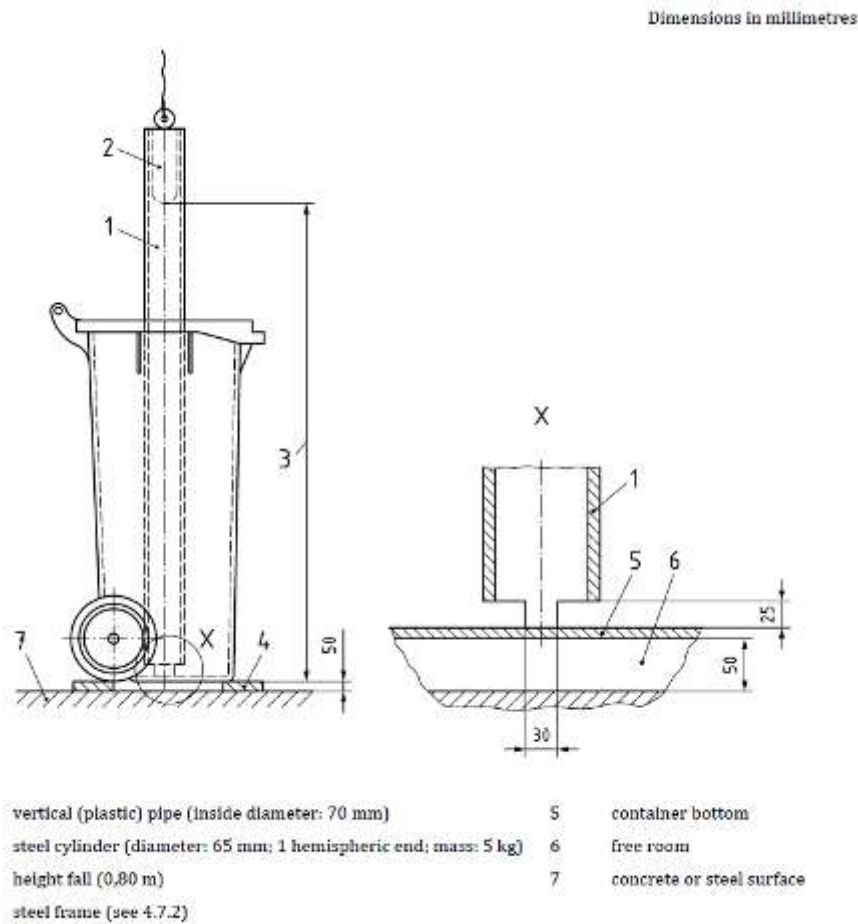


Figure 1 — Device for ball drop test

The following areas of containers shall be tested by impact tests:

a) on the body bottom (see Figure 2 d) there shall be 3 successive impacts for each impact point defined below:

- 1) the injection point(s),
- 2) A and D or C and B.

after the test the container shall be waterproof in the tested points;

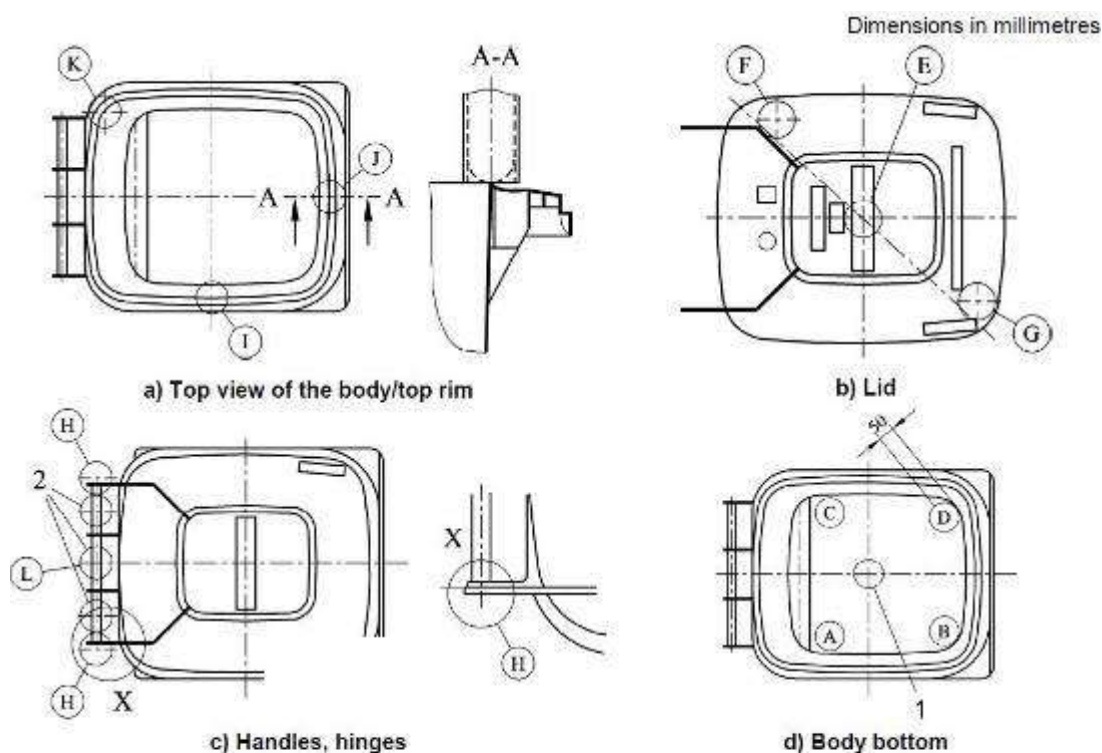
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b) there shall be 2 successive impacts for each impact point defined below (see Figures 2a), 2b), 2c))

- 1) the centre of the lid (E),
- 2) one corner of the lid (cylinder to be tangent to the lid) (F),
- 3) the corner diametrically opposite (cylinder to be tangent to the lid) (G),
- 4) each hinge (H),
- 5) the centre of the front face of the top rim (J),
- 6) the centre of a lateral face of the top rim (I),
- 7) the back corner opposite the lateral face previously tested of the top rim (K),
- 8) centre of any handle (L, see Figure 2c) key 2).



Key

- 1 injection point
(if one injection point only, impact on it and on A - D or B - C)
- 2 middle of handle

Figure 2 — Impact points for ball drop test

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	Outside of the conditioning room (see 4.4), the test shall not last more than 5 min. After this time the container shall be reconditioned for at least 15 min. After the test the following procedure shall be applied, if there is any doubt about the result: - fill the body with a water volume equal to 10 % of the maximum capacity of the body; - wait for 10 min. After 10 min, if the container leaks, it is declared to be non conforming.		
4.7.3	Impacts on an inclined plane		
	Only 4-wheeled containers shall be tested with impact on each wall of the body and on each corner to check the resistance to straining and breaking of sensitive areas, including protruding areas and fittings. The test conditions shall be: - test temperature T1= room temperature; - test load according to 4.5; - inclination of 10°(ten degrees) to the horizontal; - impact against a wall perpendicular to the moving direction; - a total of 16 impacts according to the sequence in Table 1. During the procedure the lid shall be closed. The loaded container shall be placed on a trolley with an inclination of 10°(ten degrees) (relative to the horizontal). Precautions shall be taken to avoid accidental tipping of the container during the test (see Figure C.1). Other apparatus than shown in Figure C.1 may be used if it allows the same impact and velocity conditions. The impact velocity shall be (1,85 ± 0,05) m/s when a face is tested and (1,3 ± 0,05) m/s when a corner is tested. The vertical faces of the container will be numbered from 1 to 4 and the face marked 1 being the large face fitted for the (comb) lifting system. Corners are marked 1.2, 2.3, 3.4 and 4.1. After completing the test some deformation of the container is permissible, however, it shall remain entirely functional.	2-wheels containers	P ☐ F ☐ N/A ☒ N/T ☐

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Table 1 — Sequence of the lateral impacts

Impact n°	Face or corner tested	No of impacts
1 to 2	Face 1	2
3 to 4	Corner 1.2	2
5 to 6	Face 2	2
7 to 8	Corner 2.3	2
9 to 10	Face 3	2
11 to 12	Corner 3.4	2
13 to 14	Face 4	2
15 to 16	Corner 4.1	2

4.7.4	Kerb travel (run)		
	Only 4-wheeled containers shall be tested for kerb travel using run tests under the following conditions: - test shall be carried out at room temperature T1; - test load according to 4.5; - apparatus shall comply with Annex A; - kerb height shall be 140 mm orthogonal to the moving direction and located at the end of the run; - wheels are to be guided in order to be orthogonal to the kerb at the time of the impact; - impact velocity shall be $(1,85 \pm 0,05)$ m/s; - there shall be 4 impacts for each of the shorter ends of the container (8 in total). After the test there shall be no permanent deformation or breakage which disturbs handling, tilting, rolling (castors move freely).	2-wheels containers	P ☐ F ☐ N/A ☒ N/T ☐
4.7.5	Kerb travel (drops)		
4.7.5.1	General		
	Strength tests shall be carried out on 2- and 4-wheeled containers under the following conditions: - test temperature T1 = room temperature; - test load according to 4.5; - height fall of 140 mm. The container shall be lifted up to 140 mm and then dropped freely so that 2 wheels hit the ground first. After the test there shall be no permanent deformation or breakage, which disturbs handling, tilting, rolling or safety and health (castors shall move freely).		

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4.7.5.2	Test conditions		
	- 2 wheels shall hit the ground; - at least 1 000 drops shall be carried out; - number of 5 drops per minute maximum; - test apparatus shall be according to Figure B.1 and B.2. After the test there shall be no permanent deformation or breakage which disturbs handling, tilting, rolling (castors move freely).	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban	P ☒ F ☐ N/A ☐ N/T ☐
4.8	Stability test		
	The static stability of empty and loaded containers on a flat plane of 10°(ten degrees) to the horizontal shall be tested at first on empty containers and after that on containers filled with the nominal load. The test shall be carried out without wind. For 4-wheeled containers, the brakes, if any, could prevent them from rolling. Other arrangements shall be made to prevent containers from gliding or rolling without hindering tipping. The container shall be checked in 3 directions. a) Stability at right angles to the slope line (transversal stability): the wider part of 4-wheeled containers and the wheel's axle of 2-wheeled containers shall be parallel to the slope line. b) Longitudinal stability: the wider part of 4-wheeled containers and the wheel's axle of 2-wheeled containers shall be in the right angle to the slope line. c) Diagonal stability: the diagonal line of the container shall be parallel to the slope line. The longitudinal stability test of 4-wheeled containers includes the brake test according to 4.9.4. In consideration of all test conditions the container shall neither tip nor move.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban No tip or move (tested on 12°)	P ☒ F ☐ N/A ☐ N/T ☐

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4.9	Pulling and rolling tests		
4.9.1	General		
	The aim of these tests is to check the handling and immobilisation of the containers and to fulfil the safety and health requirements for the operators. These tests shall include: - pulling tests; - wheels tests; - brake tests.		
4.9.2	Pulling tests		
	The strength required to start and maintain the container movement shall be measured (regarding the apparatus, see Figure 3). The pulling forces defined as horizontal forces in pulling direction are measured and the result shall be stated in the instructions for use. In order to get comparable results all tests shall be carried out under the following conditions: a) new container (loaded according to 4.5); b) ground shall be a plane, smooth concrete horizontal surface (slope = 1° (one degree) maximum); c) pulling force direction shall be horizontal $\pm 2^\circ$ (two degrees) to all sides; d) pulling speed shall be 0,1 m/s $\pm$ 0,005 m/s; e) pulling distance shall be 3 m minimum; f) temperature in the test area and of the tested container shall be T1; g) total tolerance range of measuring equipment shall be ± 3 % of the measured value; h) preparation of the tested container before every test shall be: 1) 2-wheeled containers shall be in a tilted position where the strength for a handle is 20% of the force (Newton), created by the container's total permissible mass (kilograms), 2) 4-wheeled containers shall have the wheels aligned in the pulling direction. The direction block, if fitted, shall be in operation; i) tests shall be carried out 3 times. The test is passed if the maximum pulling forces according to Table 2 are not exceeded.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban pulling forces were smaller than $\leq 60N$	P ☒ F ☐ N/A ☐ N/T ☐

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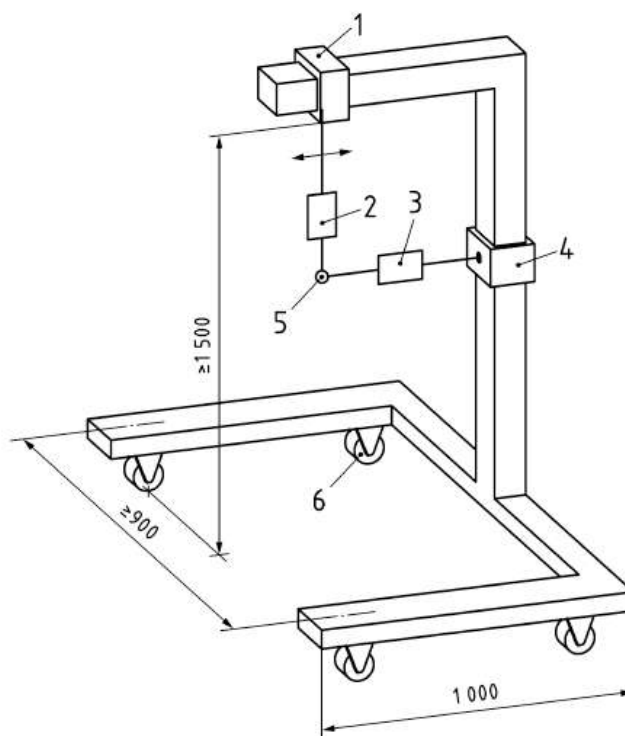
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Dimensions in millimetres



Key

- 1 adjuster
- 2 measuring head for handle lifting force
(20 % of container dead weight)
- 3 measuring head for pulling force in rigid and hinged fittings
- 4 adjuster for the handle height
- 5 handle of container
(2-wheeled container in tilted position)
- 6 swivel castors with direction block

NOTE By using the above testing tool the horizontally measured pulling force is ensured.

Figure 3 — Apparatus for measurement (Example of testing device of 2-wheeled container)

Table 2 — Maximum forces for sustained pulling (up to 1 700 l capacity)

Container	Pulling force N max.
2-wheeled	60
4-wheeled	285
Maximum forces (including initial force) ought to be no more than 300 N, according to some work regulations.	

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4.9.3 Wheels testing

The functional qualities of the wheels over a given distance, at a defined speed, under load, with a periodical step shall be tested. It is a test specifically for the wheel. The apparatus shall be a concrete surface horizontal circle with a diameter of 1,1 m. The wheel is rolled in a circle. A step of 11,5 cm height is placed in the circle along a radius and allows the wheel to fall down after each 3,5 m run (1 turn). The wheel is loaded with loads according to Table 3. The test shall be carried out in turns of moving and rest. The test shall be carried out at temperature T1. After completing the test tyres and wheels shall remain functional. After the test there shall be no permanent deformation or breakage, which disturbs handling, tilting, rolling. (castors shall move freely). The hub shall be fully intact with no loosening or breaking of rivets.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban Manufacturer: E.K.H Plauen GmbH SKZ certificate: 53605 Artikel-Nr.: 40129020/200/E5/EKH ⌀200mm Certification of the wheel is available.	P ☒ F ☐ N/A ☐ N/T ☐
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Table 3 — Conditions for testing wheels (200 mm diameter)

Conditions	Wheels for 2-wheeled containers	Wheels for 4-wheeled containers
Number of wheels	2 consecutively	2 consecutively
Load per wheel	40 kg	65 kg
Cycles running time	1 min	5 min
Resting time and again	3 min	5 min
Total distance run	5 km	20 km
Equivalent time	1,5 h	—
Running speed	3,3 km/h	3,3 km/h
Checking of the wheel	at the end of the test	every 3 h

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4.9.4	Brake tests		
	The container shall not roll on a gradient of 10° to the horizontal under all load conditions.	There is no brake on the containers	P ☒ F ☐ N/A ☐ N/T ☐
4.10	Lifting-tilting tests		
4.10.1	General		
	This test checks that the container fits well on lifting devices in agreement with EN 1501-1. The apparatus shall be a compatible standardised lifting device. All lifting attachments of the container shall be tested. The container and the lifting device are on the same plane, on even ground. The test should be carried out under normal service conditions.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban The containers fit well on the lifting device.	P ☒ F ☐ N/A ☐ N/T ☐

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4.10.2	Lifting-tilting of the empty container		
	This is a preliminary test to be done after visual inspection of the container and before the other tests. The test is carried out on an empty container successively with the lid closed. A minimum of 5 lifting-tilting cycles should be completed without damage or malfunction. After completing the tests no damage on any part of the containers, lid, etc, shall be visible with the naked eye. No hindering during the cycles is allowed. If unsuccessful, the test shall be stopped.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban The containers fit well on the lifting device. No damage or disfunction after 5 lifting-tilting cycles.	P ☒ F ☐ N/A ☐ N/T ☐
4.10.3	Lifting-tilting of the loaded container		
	The test shall be carried out on one sample under the following conditions: - test load shall conform to 4.5. A device to prevent the test load from being ejected during the test; - test temperature T1; - at least 100 cycles shall be made. After every 10 cycles a break of 5 min is planned. After completing the test it shall be possible to safely position the container on the lifting device without lifting it by hand. The container shall be locked safely when tilting, during the cycles. After completing the test no permanent deformation or abnormal distortion of the container causing remature ageing and no changes in dimensions that would give handling and lifting difficulties shall appear.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban No permanent deformation or abnormal distortion after 100 cycles	P ☒ F ☐ N/A ☐ N/T ☐

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4.11	Miscellaneous tests		
4.11.1	Internal stress-cracking tests (for thermo plastics only)		
	after this test mean use of inadequate material or bad processing conditions. The test shall be carried out under the following conditions: - tank large enough to include the whole container; - water bath with 2 % to 3 % in volume a strong detergent, e.g. based of nonyl-phenol-ethoxilate with a number of ethylene oxide (EO) mol greater than or equal to 9; - bath temperature of $(70 \pm 5)^{\circ}\text{C}$; - duration of the bath shall be 48 h. After the test the container shall be rinsed immediately and shall be checked visually only 6 h after the test. After completing the test no cracks or tears in sensitive areas (containers and lids) where they could extend to bring the container out of use, e.g. front rim, handles, grip hinges, wheel junctions, hinges, injection points, reinforcing ribs, rib edges shall be visible. For containers with four wheels a test of segments is allowed with segments of approximately a quarter of a square meter. For the detergent test the following critical area should be sawed from the container and should be tested in accordance with 4.11.1: - Wheel suspension (see area 1 in Figure 4): The wheel bracket is to be cut out from the bottom at a height of approx. 500 mm. All wheel suspensions including the screwed in fastening elements and the drain sleeve shall be tested. - Frontal receiver (see area 2 in Figure 4): Both corner parts are to be checked. The area should be 300 mm x 300 mm large. - Hinge area (see area 3 in Figure 4): Both corner parts are to be checked. The area should be 300 mm x 300 mm large. - Lid (see area 4 in Figure 4): An area from the hinges to the injection points is to be tested.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240L Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban no cracks or tears	P ☒ F ☐ N/A ☐ N/T ☐

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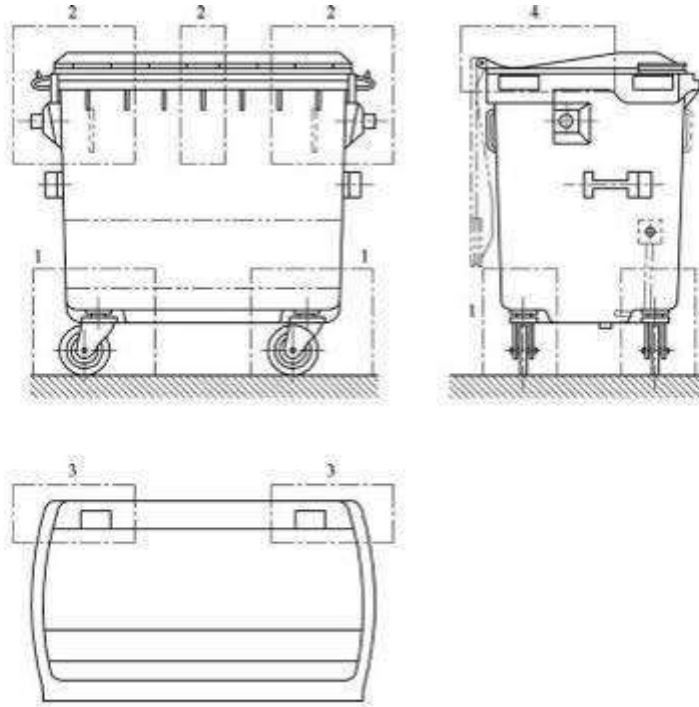


Figure 4 — Segments to be tested

4.11.2 Handle test

Lifting handles on 4-wheeled containers shall be tested. Lifting handles and their junction with the container shall be strong enough to avoid damage or disconnecting when they are used to lift the container up the kerb. The test shall be carried out under the following conditions:

- test temperature T1;
- test load shall conform to 4.5;
- lifting height shall be minimum 50 mm;
- test frequency shall be 5 times per minute with a number of 1 000 liftings at least.

The container shall be lifted at least 50 mm by a 50 mm wide hook which is located around the middle of the handle, and afterwards is slowly moved down to the ground. The test is carried out on one side of the container.

After the test there shall be no permanent deformation or breakage, which disturbs handling the container.

The containers have 2-wheels.

P	☐
F	☐
N/A	☒
N/T	☐

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4.11.3	Corrosion test		
	The container shall be resistant to corrosion due to the state of the art. It is the task of the manufacturer to use surface treatments or materials which guarantee this performance. Bodies and lids, hot dip galvanised after completion, and other hot dip galvanised parts shall meet the requirements of EN ISO 1461. Zinc electro-plated parts shall meet the requirements of EN ISO 2081. Weldless bodies, lids and parts made out of continuously hot-dip zinc coated steel sheets shall meet the requirements of EN 10142.	Plastic body and lid Axle: zinc plated Manufacturer: JIANGMEN PIONEER IMPORT AND EXPORT CO. Corrosion resistance test were done according to IEC60068-2-11:1981 + customer requirement in laboratory of Waltek Service Co. Please refer the following test report number: WTZ14F1221663S Product name: Artikel-Nr.: 460mm Solid Axle, 460mm Hollow Axle, 552mm Solid Axle, 552mm Hollow Axle	P ☒ F ☐ N/A ☐ N/T ☐
4.11.4	Weathering (for thermo plastics only)		
	Preparation of samples, conditions of exposures, sequence of exposures, test methods to measure performances of new and irradiated samples are defined in standards to be established by EN/TC 249. In the meantime, ISO standards may be used (see Annex E). The material tested shall contain all the components added to the basic plastic at the rate used to mold the container, stabiliser, pigments or colorants, and, if any, fillers, other plastic etc. These additives may influence the effects of weathering on the plastic. The results of weathering on plastic containers shall include: - ageing of the plastic material; - changes in colour.	Safety data sheet provided Product: HDPE KS 10100 UE Polyethylene Resin For Injection Moulded Bins, Large Containers and Pallets Company: THE DOW CHEMICAL COMPANY UV stabilizer mastebatch: Product: ST 100730 Company: STECOM DOO	P ☒ F ☐ N/A ☐ N/T ☐

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4.11.5	Test method for dome lid container (EN 840-3)		
4.11.5.1	Equipment		
	— A child mannequin, recommended to be in compliance with an appropriate European Regulation²; size corresponding to 10 years old. The child mannequin is dressed with a thin sweatshirt made of at least 90 % cotton. The child mannequin is wearing the hood. — A parallel piped-shaped plastic box (dimensions: length 600 mm x width 400 mm x height 320 mm). ²) ECE R44: European Regulation N° 44 incl. amendment 1; <i>Uniform provisions concerning the approval of retaining devices for child occupants of power-driven vehicles ('child restraints systems')</i>.		
4.11.5.2	Test method		
	The test described below shall be performed five times for each of the following three child mannequin positions in relation to the container rim: - center; - left hand side; - right hand side. The untested dome lid braked container is placed on a hard concrete plane with an inclination of 1° maximum to the horizontal. Position the legs of the child mannequin on the plastic box, such that the head and arms are inside the container for the centre position and one arm inside the container for the lateral position. Close the lid manually until it stops without any unlocking. Remove the box by device at a speed of 0,5 m/s.		

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4.11.5.3 Acceptance criteria

	In each of the three positions, in any sequence of the test, the child mannequin shall fall from the container when the plastic box is removed. It is acceptable for the child mannequin's head to remain suspended for an amount of time not to exceed 2 s.	Flat lid	P ☐ F ☐ N/A ☒ N/T ☐
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4.11.6 Sequence of the tests

The sequence of the tests on each sample are defined by Table 4.

Table 4 — Sequence of the tests

Subclause	Test	2-wheeled containers					4-wheeled containers						
		Sample 1		Sample 2		Other samples	Sample 1		Sample 2		Sample 3		Other samples
		plastic	metal	plastic	metal		plastic	metal	plastic	metal	plastic	metal	
4.2.1	General inspection	0	0	-	-	-	0	0	-	-	-	-	-
4.2.2.2	Measurement	1	1	-	-	-	1	1	-	-	-	-	-
4.7.2	Ball drop	-	-	1	-	-	-	-	1	-	-	-	-
4.7.3	Impact	-	-	-	-	-	8	8	-	-	-	-	-
4.7.4	Kerb run	-	-	-	-	-	9	9	-	-	-	-	-
4.7.5	Kerb drops	6	6	-	-	-	-	-	-	1	1	-	-
4.8	Stability	4	4	-	-	-	4	4	-	-	-	-	-
4.9.2	Pulling	2	2	-	-	-	2	2	-	-	-	-	-
4.9.3	Wheels	-	-	-	-	wheels sample	-	-	-	-	-	-	wheels sample
4.9.4	Brakes	-	-	-	-	-	5	5	-	-	-	-	-
4.10.2	Lifting empty	3	3	-	-	-	3	3	-	-	-	-	-
4.10.3	Lifting loaded	5	5	-	-	-	7	7	-	-	-	-	-
4.11.1	Internal stress	-	-	S	-	S	-	-	S	-	-	-	S
4.11.2	Handles	-	-	-	-	-	6	6	-	-	-	-	-
4.11.3	Corrosion	-	-	2	2	section	-	-	2	2	-	-	-
4.11.4	Weathering	-	-	-	-	S	-	-	-	-	-	-	S
4.11.5	Dome lid	-	-	-	-	-	1	1	-	-	-	-	-

S special new parts:
- for internal stress: on body and lid
- for weathering: on body and lid, or parts of them, or standardized samples

Testing unit: - for 2-wheeled containers 2 regular samples and 2 special ones are required;
- for 4-wheeled containers 3 regular samples and 2 special ones are required.

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5	Test report
	See DIN EN 840-5:2020
A-F	Annex A - Annex E see DIN EN 840-5:2020
	Annex A (informative) - Slope and stop for "kerb travel" test Annex B (informative) - Apparatus for kerb fall test Annex C (informative) - Apparatus for lateral impact test on inclined plane Annex D (informative) - Wheel Test Annex E (informative) - Weathering tests

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Absatz Clause	EN 840-6:2020 Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse - Bemerkungen Measuring results - Remarks	Bewertung Evaluation
1	Scope		
	This document provides the essential safety, health and ergonomic requirements for mobile waste and recycling containers according to EN 840-1:2020 to EN 840-4:2020, not including hazardous wastes containers.		
2	Normative references		
	The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. EN 840-5:2020, <i>Mobile waste and recycling containers — Part 5: Performance requirements and test methods</i>		
3	Terms and Definitions		
	See DIN EN 840-6:2020		
4	General requirements of construction		
4.1	The container shall be constructed so that when it is unloaded or loaded with a nominal mass, it has a secure fit on an approved compatible lifting device and shall be automatically locked safely into the lifting device during the tilting and emptying operation. The container shall be in static stability according to 4.8 of EN 840-5:2020.	See at clause 4.10 from page 32.	P ☒ F ☐ N/A ☐ N/T ☐

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4.2	The container shall be safely fitted to the lifting device of the vehicle without being carried or lifted manually.	See at clause 4.10 from page 31.	P ☒ F ☐ N/A ☐ N/T ☐
4.3	Wheeled containers shall be constructed so that, under test conditions according to EN 840-5, the pushing and pulling forces to keep the container moving shall not exceed the values given in EN 840-5:2020, 4.9. Pushing and pulling forces shall be declared in the instructions for use (see Clause 12).	Refer to EN 840-5:2020, clause 4.9.2, page 27	P ☒ F ☐ N/A ☐ N/T ☐
4.4	During construction of containers the following factors influencing measurable handling force shall be optimized: - design of container as regards to form, size and position of centre of gravity in relation to positioning of wheels and handles; - even distribution of loads on wheels; - low rolling resistance.	for reference	P ☒ F ☐ N/A ☐ N/T ☐

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5	Handles		
5.1	Two wheeled containers shall have handles for pulling, pushing and manoeuvring the container that enable the operator to grip safely with two hands. Four wheeled containers shall have handles for pushing, pulling, manoeuvring and lifting the container. Injuries caused by sharp edges shall be avoided.	Handle is available. No sharp edges or burrs.	P ☒ F ☐ N/A ☐ N/T ☐
5.2	Handles for pulling, pushing and manoeuvring the container shall have one of the external forms as shown in Figure 1 (based on the external form of Figure 1 ring form section and U-shaped form section are permitted). A minimum length of 120 mm and a minimum clearance of 36 mm around the handle is required (see Figure 2).	Handle separated into parts. The handles has a circular cross-section. See at pages from 84 to 88 for specific dimesions.	P ☒ F ☐ N/A ☐ N/T ☐

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5.3

Handles for pulling, pushing and manoeuvring the container shall be positioned at a height of (900^{+400}_{-25}) mm (measured in the middle of the handle) above the ground. On two wheeled containers, for containers with a volume ≥ 140 l, these handles shall have a minimum height of 800 mm in a tilted position (centre of gravity above the wheel axle). For containers less than 140 l the handles shall have a minimum height of 700 mm. On four wheeled containers vertical handles are optional. If two handles are fitted they shall be a minimum of 450 mm apart and shall cover a height range from 780 mm to 1 050 mm. 2 wheeled containers shall be filled with the test load for the test, their lids shall be closed.

Height of the handles in standing position are within the limits.

For 60l, 80l, and 120l containers, the height of the handles in tilting position are more than 700mm. For the other containers (140l, 240l, 360l) the height is more than 800mm.

For dimensions, see at page 84-88.

P ☒
F ☐
N/A ☐
N/T ☐

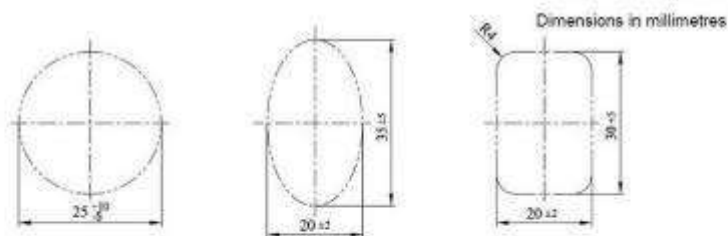
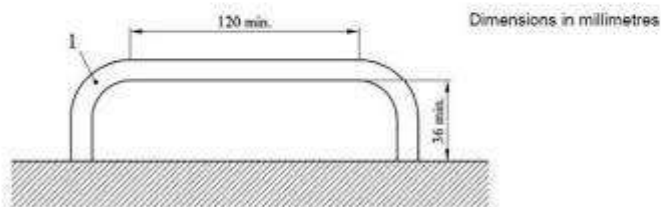


Figure 1 — Handles (round, oval, rectangular)



Key
1 handle

Figure 2 — Clearance

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6	Wheels			
6.1	Containers with 4 wheels and a capacity not exceeding 1 700 l shall only have swivel castor wheels. Containers for towing with four wheels can have two fixed wheels or wheels which could be fixed.	The containers have 2-wheels.	P ☐ F ☐ N/A ☒ N/T ☐	
6.2	The wheels and their position shall ensure a minimum of pushing/pulling force and good stability.	for reference	P ☒ F ☐ N/A ☐ N/T ☐	

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6.3	The wheels on all containers shall have a nominal diameter of 200 mm. Wheels of nominal diameter of 160 mm on four-wheeled containers as well as larger wheels on two-wheeled containers are optional, as long as pushing forces are not exceeded (see 4.3).	⊙200mm	P ☒ F ☐ N/A ☐ N/T ☐
6.4	All wheels or castors shall be constructed to resist static and dynamic stress, e.g. by rolling against kerbstones (test according to EN 840-5).	Manufacturer: E.K.H Plauen GmbH SKZ certificate: 53605 Artikel-Nr.: 40129020/200/E5/EKH ⊙200mm Certification of the wheel is available.	P ☒ F ☐ N/A ☐ N/T ☐

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6.5	If castor-mounting brackets are used they shall not protrude beyond the widest part of the container body.	Not castor-mounting bracket is available	P ☐ F ☐ N/A ☒ N/T ☐
7	Direction block		
	When direction blocks are fitted on containers with 4 wheels they shall be fitted to at least two wheels.	No direction block is available	P ☐ F ☐ N/A ☒ N/T ☐
8	Brakes		
8.1	General remark: When brakes are fitted on containers with 4 wheels they shall be fitted to at least 2 wheels.	The container have 2-wheels, no brake is provided.	P ☐ F ☐ N/A ☒ N/T ☐

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8.2	The brakes shall be adjustable or self-compensating and capable of retaining the container on a minimum slope of ten degrees to the horizontal.	No breake is provided.	P ☐ F ☐ N/A ☒ N/T ☐
8.3	Brakes shall be capable of being used easily by the operator.	No breake is provided.	P ☐ F ☐ N/A ☒ N/T ☐
8.4	If containers are fitted with a central brake locking system it shall be possible to secure it against unauthorised unlocking.	No central breake is provided.	P ☐ F ☐ N/A ☒ N/T ☐
8.5	The brakes shall be tested according to EN 840-5:2020, 4.9.4.	No breake is provided.	P ☐ F ☐ N/A ☒ N/T ☐

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9	Edges		
9.1	The container shall not have any sharp edges (a radius less than 1,4 mm).	no sharp edges, burrs.	P ☒ F ☐ N/A ☐ N/T ☐
9.2	All edges which may be used for manoeuvring shall be rounded so that nobody can be injured.	rounded edges	P ☒ F ☐ N/A ☐ N/T ☐
10	Lids		
10.1	To avoid the danger of crushed fingers when closing the lid, dome lids shall have a safety clearance to the front edge of at least 35 mm. The gap shall be closed by an elastic material. Flat lids shall not damage fingers.	There is no harm-risk for fingers.	P ☒ F ☐ N/A ☐ N/T ☐
10.2	Containers with dome lids shall be provided with a mechanism to hold the lid open automatically and prevent it from accidentally closing.	Flat lid	P ☐ F ☐ N/A ☒ N/T ☐

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10.3	Containers with assisted lids shall be provided with a device to ensure that the container lid cannot cause injury by its movement.	No assisted lid is available	P ☐ F ☐ N/A ☒ N/T ☐
10.4	The dome lid container shall be designed in such a manner that, in particular, a child's head cannot be trapped between lid and body of the container. For dome lid container, a minimum gap of 181 mm shall be kept between lid and body of the container. This gap shall not be closed either automatically (by spring force or gravity) or unintentionally by a child's hand force. The container shall be tested according to EN 840-5:2020, 4.11.5.	Flat lid	P ☐ F ☐ N/A ☒ N/T ☐
11	Cleaning		
	Containers shall be designed for easy cleaning.	for reference	P ☒ F ☐ N/A ☐ N/T ☐
12	Instructions for use		
12.1	Instructions for use shall be supplied so that the operator can have access to all available information on the correct use of containers. Those instructions shall give information on all relevant factors to enable correct usage of a container. Also safety and health requirements shall be included.	provided	P ☒ F ☐ N/A ☐ N/T ☐

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11.2	In order to give purchasers and all users of the container the necessary information to enable them to correctly choose and safely use the containers, the information provided shall as a minimum include: - number of the European Standard (e.g. EN 840-6); - volume; - total permissible mass; - wheel diameter; - type of the wheel bearings; - whether direction blocks are fitted or not; - whether brakes are equipped or not; - adjusted braking torque; - whether a central brake lock is equipped; - pulling force, measured using the type test (see EN 840-5); - essential dimensions including height of handles in the upright and tilted position. The lid(s) shall be closed before the lifting device pick up the container. This information shall conform to the delivered container.	Instruction manual with all necessary information provided in German. European representative name and address is in the manuals. -P -P -P -P -P -P -P -N/A -N/A -P -P -P	P ☒ F ☐ N/A ☐ N/T ☐
A	Annex A (informative) - A-Deviations		
	See DIN EN 840-6:2020		

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	The content of the standard was packed. For details, be referred to the original document.
	Scope of the test findings
	The test results refer only to the samples submitted for the test. The digital photos, if there are any, serve for supplementary explanation and do not constitute an own part of the test result.
	Accuracy of measurement
	The test results have a degree of measurement uncertainty. If applicable, the uncertainty of measurement complies with the requirements of the standards. If the uncertainty of measurement is not separately specified, the combined standard uncertainty of the overall result is $\leq 5\%$.
1	Area of Application
	These quality requirements and testing requirements are valid for 2-wheeled and 4-wheeled plastic waste and recycling containers with frontal receivers, DU-receivers and lateral receivers that have a volume of up to 1700 litres. In addition to the technical points of the quality and test regulations, the user of the quality mark must constantly comply with the requirements of this appendix to the quality assurance principle. The evidence shall be provided in the form of certificates and/or equivalent test certificates within the scope of the initial test and external monitoring.
2	Standards and Guidelines
	The listed standards and guidelines are an integral part of the quality requirements and testing standards and they must be fulfilled in order to obtain the Quality Mark. A Quality Mark holder shall use a certified and regularly audited QM-system service to carry out the internal testing process. A certificate from an accredited testing institute serves as valid proof (e.g.: DIN EN ISO 9001). The respective and most current specifications are applicable. Validity will be reviewed annually.

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2.1	Product Standards
	The contents stated in the standards must be fully complied with. A Quality Mark holder can use a certified and regularly audited QM-system service to carry out the internal testing process. A certificate from an accredited testing institute serves as valid proof (e.g.: DIN EN ISO 9001). A certificate from an accredited testing institute serves as valid proof (DIN EN ISO/IEC 17025). DIN EN 840 Mobile waste and recycling containers DIN EN 840-1 Containers with 2 wheels and a capacity of up to 400 l for comb lifting devices – dimensions and design DIN EN 840-2 Containers with 4 wheels and a capacity of up to 1300 l with flat lid(s) for trunnion lifting devices and /or comb lifting devices – dimensions and design DIN EN 840-3 Containers with 4 wheels and a capacity of up to 1300 l with dome lid(s) for trunnion lifting devices and/or comb lifting devices – dimensions and design DIN EN 840-4 Containers with 4 wheels with a capacity up to 1700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – dimensions and design DIN EN 840-5 Performance requirements and test methods DIN EN 840-6 Safety and health requirements DIN 30760 Mobile waste and recycling containers – Containers with two wheels with a capacity from 60 l to 360 l for diamond lifting devices
2.2	Equivalent Product Standards
	The contents of the applicable equivalent standards must be fulfilled with regard to the technical testing requirements for waste and recycling containers. The internal test certificate of the applicant serves as valid proof. DIN EN 15132 Container shells for mobile waste containers with a capacity up to 1700 l - Performance requirements and test methods DIN EN 14803 Identification and/or determination of the quantity of waste

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2.3	Guidelines
	CE-Marks 2000/14/EG European guidelines regarding environmental impact of noise emissions. The CE-declaration of conformity of the applicant serves as valid proof. GS-Marks The requirements for the awarding of the GS-mark shall be fulfilled. Comprised of: ProdSG Product Safety Law (2001/95/EG European product safety guideline = europäische Produktsicherheitsrichtlinie) Confirmation from a GS awarding office accredited by the ZLS (Zentrale Landesstelle für Sicherheit = Central State Office for Safety) AfPS GS 2019:01 PAK Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks The internal test certificate of the applicant serves as valid proof. A test certificate from an accredited test institute must be submitted to the GGAWB demand. DIN EN ISO 9001 Quality management systems – Requirements DIN EN ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories DIN EN ISO/IEC 17020 Conformity assessment – Requirements for the operation of various types of bodies performing inspection The standards and guidelines listed in Section 2 are not checked by the Quality Control Association (Gütegemeinschaft) itself and compliance with them is therefore not guaranteed. Rather, their compliance (conformity) with the Quality Control Association must be proven in an appropriate form as part of the initial test and external monitoring.
3	Quality requirements and testing requirements
3.1	General
	In the following text of the quality requirements and testing requirements document, the abbreviation “AWB” will be used for the wording waste and recycling containers and the abbreviation “DU” for the wording diamond container.

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3.2	Definitions
3.2.1	Serviceability
	The serviceability based on the test procedures according to section 3 is defined as follows: – The AWB body is waterproof. – The complete AWB has to be moved when it is in empty state as well as when it is filled to its nominal load, by one person (average height m/w): • in a straight line for 3m (2-wheeled + 4-wheeled AWB) • and turned 360° on its pivotal point (4-wheeled AWB) – The lifting device test for the entire AWB shall be carried out when the AWB is empty and full. – Cracks in the AWB and/or other damage may not cause injury (e.g. cracks in the handle areas) or lead to other safety problems (e.g. lids fall off during emptying procedures). – The lid shall cover the body opening and it can be opened and closed. – Defects in appearance are allowed.
3.2.2	Test temperature
	$T_1 = (23 \pm 5) ^\circ\text{C}$ $T_2 = (-18 \pm 2) ^\circ\text{C}$
3.3	Quality requirements and testing requirements
3.3.1	Test load
	<i>Test requirements</i> AWBs that have been constructed according to agreement between the manufacturer and the customer that do not comply with the DIN EN 840 agreed payload (e.g. density 0.8 kg/dm³ for left-over food and compostable waste from the commercial sector) will be loaded with a test load consisting of the agreed density times nominal volume.

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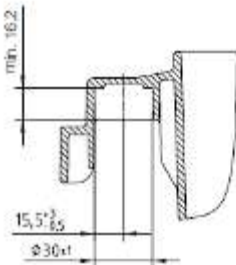
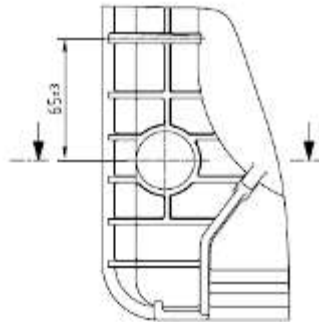
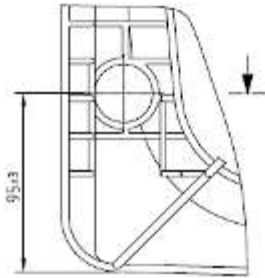
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3.3.2	Dimensions		
	<i>Quality requirements</i> The dimensions and tolerances that are the basis for the tests carried out according to this quality assurance are defined in the listed standards in section 2. Data concerning additional container sizes has been compiled in data sheets according to the size and design of the AWBs and appended to these quality requirements and testing requirements (see enclosure). In the initial test all of the dimensions will be checked. However only the functional dimensions (AWB characterized in the DIN EN 840) and the container dimensions (AWB-DU according to DIN 30760, 4-wheel see appendix 7.2) will be used for evaluation. In the case of monitoring tests (internal and external monitoring), the dimensions to be tested are those measurements / positions specified in the test. These are: 2-wheeled AWB: P5, P12, P23, P26 4-wheeled AWB: P1, P5, P7, P12, P21, P28, P30, P33 2-wheeled AWB-DU: P2, P10, P18 4-wheeled AWB-DU: d, k, s Only the test dimensions will be used for evaluation. The AWB has a form element (chip nest) integrated into the front section for adapters for a data storage medium (e.g. transponders) (Fig. 1). Dimension 15.5 mm defines the position of the chip nest. Dimension Ø 30 +/–1 defines the principle diameter for mounting the RFID housing. The position dimensions will only be measured during the initial test. Deflection of the frontal receiver Comb lifting devices The horizontal deflection of the frontal receiver may not exceed – for 2-wheeled AWB 1 % – for 4-wheeled AWB 0.7 % Deformation of the frontal receiver DU-lifting devices The DU container receiver shall be tested using a DU lifting device. A uniform carry pattern between the DU lifting device and all of the ribs of the DU container receiver must be proven. The defined dimensional tolerances may not be exceeded.	The dimensions met with the requirement in EN 840-1.	P ☒ F ☐ N/A ☐ N/T ☐

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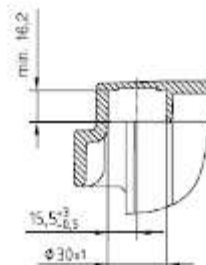
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Chipnest 2-rad AWB /
Chip nest 2-wheeled AWB

Bild 1/Fig. 1



Chipnest 4-rad AWB/
Chip nest 4-wheeled AWB

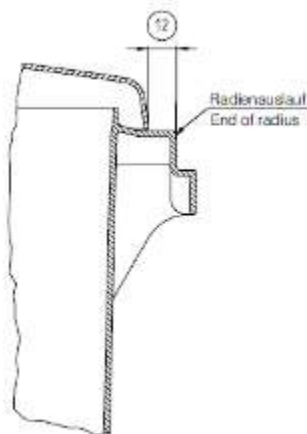


Bild 2/Fig. 2

Test requirements

Test temperature T1

The measurements shall be taken using a suitable measuring device after 24 hours, at the earliest, and determined using a measurement accuracy of 0.1 mm and then compared to the standards listed in section 2.1 or to the data sheets according to the dimensions and tolerances in the appendix, respectively. The test must be carried out on 3 AWBs at room temperature. All functional dimensions will be checked (AWB according to DIN EN 840) and as the case may be, container dimensions (AWB-DU according to DIN 30760) during the initial test.

In the case of monitoring tests, all dimensions will be checked that are marked as test dimensions. Test dimension 12 The dimension 12 shall be measured at the upper rim of the body at the end of the radii (Fig. 2).

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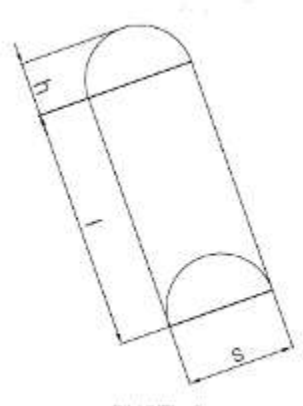
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3.3.3	Volumes		
	<i>Quality requirements</i> The volume of the AWB consists of both the volume of the body and the lid minus the volume resulting from the depth of protrusion of the body up into the lid. The permitted volumes for each AWB size are defined in section 2.1 which includes a list of standards or in the container specific data sheets (see appendix 7.2), respectively. <i>Test requirements</i> Test temperature T1	See at page 19	P ☒ F ☐ N/A ☐ N/T ☐
3.3.3.1	Volume determination for AWBs with flat lids		
	The testing unit for the body consists of a tank that is large enough to accommodate the body of the AWB being tested. To perform the test, the empty body is placed in the tank. The tank and body are filled evenly with water (temperature $15 \pm 5 \text{ }^{\circ}\text{C}$). The amount of water in the body until the point of overflow is reached is measured. The measurement accuracy is $\pm 1 \%$ of the measured volume. The testing unit for the lid consists of a container that is loosely filled with plastic granules. In order to determine the volume of the lid, it is placed (embedded) horizontally and form-fit in the plastic granules. The lid is filled with water to a level that equates to the depth of protrusion of the body up to the lid.		P ☒ F ☐ N/A ☐ N/T ☐
3.3.3.2	Volume determination for AWBs with sliding lids		
	The determination of the volume of the body takes place under conditions of external pressure equalization in water according to 3.3.3.1 until water reaches the over flow rim. Since the volume of the lid minus both of the body circular side elements capacity cannot be determined, the volume of the lid must be calculated mathematically. In this case, the segment height "h" on the body should be measured from the upper rim of the volumetric measuring point to the crown. The secant "s" is determined using the overlying lid and the length "l" as an arithmetic average taken from three single measuring points at the height of the secant on the body (Fig. 3).	Flat lid	P ☐ F ☐ N/A ☒ N/T ☐

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	The volume is calculated using: $V \sim 2/3 h \times s \times l$ V = Volume h = Segment height s = Secant l = Length As an alternative, the volume of the lid can be Established by using a calculation of exact geometry.  Bild 3/ Fig. 3		
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3.3.4	Load		
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	Quality requirements The AWBs must be designed for a load of 0.4kg/dm³ multiplied by the nominal volume and for a maximum of 440 kg. This load quantity applies to AWBs that are used for streams of waste and recyclables from private households, including compostable food and garden waste. Demands for higher load quantities, e.g. 0.8kg/dm³ for waste food and compostable waste from the commercial sector, respectively, must be agreed upon by the AWB manufacturer and the customer. In this example the AWB must be designed for a load of 0.8kg/dm³ times the nominal volume.	0,4 kg/dm³ HDPE Granulat	P ☒ F ☐ N/A ☐ N/T ☐
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3.3.5	Mass of the thermoplastic waste and recycling containers bodies		
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	Quality requirements The mass of the thermoplastic waste and recycling container bodies of each AWB from one consignment, from one mold and made of one material may not deviate more than 1.5 % from the average. Test requirements Test temperature T1 A gravimetric analysis is carried out on 3 AWB bodies. The measurement precision must be ± 10 g.	The container sampels do not differ with more than 1,5 % in weight made in the same mold, materials.	P ☒ F ☐ N/A ☐ N/T ☐
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3.3.6	Warm storage		
	<i>Quality requirements</i> An AWB made of plastic, including all individual parts susceptible to age, may not have any bubbles, cracks or deformities that limit serviceability (see section 3.2.1). Measurements must be taken before and after warm storage. The maximum possible changes in dimension resulting from warm storage that have occurred under practical conditions caused by post-crystallization and post-shrinkage may not be more than 1.5 % and must be within the set dimension tolerance range. The following shall be tested: 2-wheeled AWB: P5, P12 4-wheeled AWB: P5, P12, P28 2-wheeled AWB-DU: P2, P10, (P16-P17) 4 wheeled AWB-DU: d, k, (t-r) The dimensions P12, (P16–P17) and (t-r) are combined measurements between the body and the lid and shall only be evaluated based on their dimensional accuracy of the specified tolerances. <i>Test requirements</i> An AWB is placed in a circulating air oven at a temperature of 90° C to 95° C for 3 days, free of influencing forces, simulating normal use (standing in storage) so that deformations are not impeded. The lid must be closed. After the container has cooled to room temperature, the appearance of the AWB under goes a visual inspection under good daylight conditions from a distance of 1 metre and another dimension check is carried out.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban The changes of the dimensions of P5, P12 are less then 1,5%.	P ☒ F ☐ N/A ☐ N/T ☐

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3.3.7 Surface active agent testing for 4-wheeled waste and recycling containers-DU

Test requirements

As an alternative to testing an entire AWB, testing can also be carried out on individual segments which, from a manufacturing point of view, are the most demanding and from an application-technical point of view, those segments of an AWB that are stressed the most. These are (Fig 4)

Section 1. Wheel suspensions for the body

The wheel construction, including the mounting, is sawed out of the bottom of the AWB-DU circa 50 cm above the mounting. All wheel suspensions with screwed mountings and the outlet sleeve are checked.

Section 2. Body receiving section

Both corner areas are to be checked. The surface area should be circa 30 x 30 cm.

Section 3. Body – hinge area

Both corner areas are to be checked. The surface area should be circa 30 x 30 cm.

Section 4. Lid

In this test, the area of the hinges up to the injection points must be checked.

The individual areas can be seen in Fig. 4.

Not AWB-DU

P ☐
F ☐
N/A ☒
N/T ☐

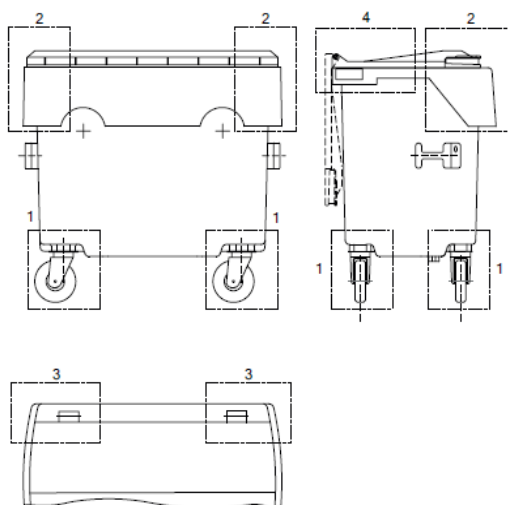


Bild 4 – Netzmittelprüfung für 4-rädrige AWB-DU aus Kunststoff an Segmenten

Fig. 4 – Surface active agent testing for 4-wheeled plastic AWB-DU on segments

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3.3.8	Fall test		
	<i>Quality requirements</i> Cracks on the bodies (of 2-wheeled containers on the body and wheels) that could influence the serviceability (see 3.2.1) are not permitted. 2-wheeled AWB (incl. wheels) <i>Test requirements</i> Test temperature T₂ for the initial test and T₁ for the monitoring tests. 2 Test objects shall be filled with test material and each one dropped from a height of 3 metres four times. The AWB must land flat on its underside on a smooth horizontal and non-resilient impact area in the first 3 drop tests. The AWB should land on the front bottom edge in the fourth drop test. In order for this to occur, the AWB must be positioned at an angle of 4-10°. An inspection of damage to the AWB is to be carried out after each fall test. 4-wheeled AWB (without wheels) Test temperature T₁ The test object shall be filled with test material and dropped so that it can fall freely from a height of 2.5 metres four times. The AWB without wheels must land flat on its underside on a smooth horizontal and non-resilient impact area in each of the 4 tests. An inspection of damage to the AWB is to be carried out after each fall test.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, Standard with Urban lid 240l, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban There is no damage after the tests.	P ☒ F ☐ N/A ☐ N/T ☐

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3.3.9	Drop ball test for 2-wheeled and 4-wheeled AWBs		
	<i>Quality requirements</i> The drop height for testing the underside of the body is carried out at 1m, which deviates from the DIN EN 840-5 (0.8 m) standard. – Drop ball test at test temperature T₂ – Definition 4-wheeled AWB and 4-wheeled AWB-DU (Fig .5) and 2-wheeled AWB-DU (Fig. 6) <i>Test requirements</i> Three consecutive impacts must be carried out on each of the following points of impact on the inside of the bottom of the container: – Injection points (1) shown in the example, 4 injection points – Point A and D or point C and B Two consecutive impacts must be carried out on each of the following points of impact on the rim of the body: – in the middle of the front section of the upper rim (E) – in the middle of the side of the upper rim (F) – on the back corner of the upper rim (G), opposite to the previously tested side. – if handles exist, the impact point is in the middle of each handle (H) 2 consecutive impacts must be carried out on each of the following points of impact. The lid is mounted on the body in this test. Points of impact: – in the middle of the lid (I) – on a corner of the lid (the cylinder must touch the lid) (J) – on the diametrically opposite corner (the cylinder must touch the lid) (K) – on every hinge (L) Testing procedures for the Diamond-receiver are also carried out in the same manner on the 4-wheeled AWB-DU. The testing points may be within in a tolerance range of r =10 mm around the defined points of impact. 4-wheeled AWB sliding dome lid The drop ball test is carried out on the injection points of the sliding domed lid. The lid is mounted on the body and in the closed position for this test.	See at page 21, clause 4.7.2	P ☒ F ☐ N/A ☐ N/T ☐

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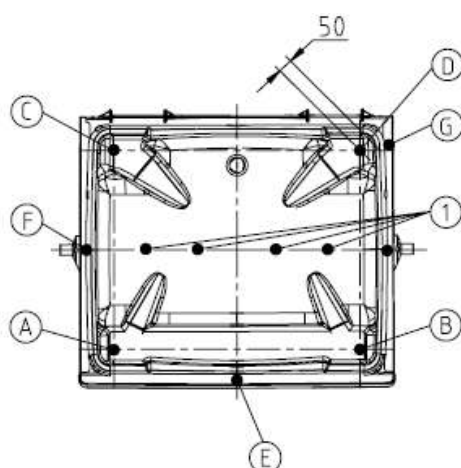


Bild 5 – Aufprallpunkte für Kugelfallversuch 4-rad AWB und 4-rad AWB-DU

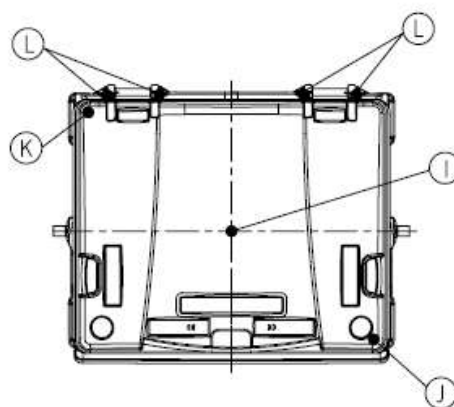


Fig. 5 – Points of impact for drop ball test 4-wheeled AWB and 4-wheeled AWB-DU

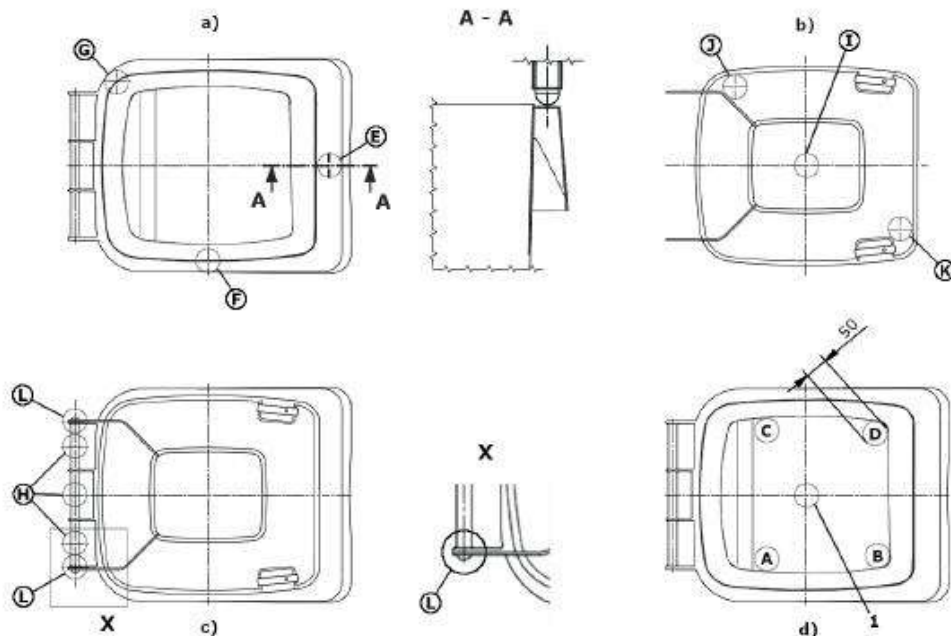


Bild 6 – Zusätzliche Aufprallpunkte für Kugelfallversuch 2-rad AWB-DU

Fig. 6 – Additional points of impact for drop ball test 2-wheeled AWB-DU

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3.3.10.	Titing Test		
	<i>Quality requirements</i> All of the receivers for lifting devices found on AWBs shall be tested. For example: – Frontal receivers – trunnion frontal receiver – DU frontal receiver The serviceability of the AWB must be guaranteed after testing has taken place. <i>Test requirements</i> The lifting devices used in the tests must comply with the series of standards DIN EN 1501.	The containers fit well on the lifting device. No damage or disfunction after 5 lifting-tilting cycles. Lifting device comply with the series of standards DIN EN 1501. Lifting device: Terberg – Omnidel 313078 Type: TCA-DEL3e After the test, the container can be use safely.	P ☒ F ☐ N/A ☐ N/T ☐
3.3.10. 1.	Tilting test AWB-DU		
	<i>Test temperature T_1</i> To verify the locking system on the DU lifting device receiver, the dimension P18 (2-wheeled AWB-DU) respectively dimension s (4-wheeled AWB-DU) of the AWB or the lifting device dimension 92 +/-1 shall be checked and documented. Furthermore, the recommendations for manufacturers of lifting devices remain valid as listed and defined in the DIN 30760 appendix A. It shall be assured that for every receiving of a container that a different point of contact between the Diamond-receiver of the lifting device and the AWB-DU is achieved.	No AWB-DU	P ☐ F ☐ N/A ☒ N/T ☐
3.3.10. 1.1	Tilting test for empty AWB-DU		
	Testing is carried out using a closed AWB-DU. At least 5 trouble-free lifting cycles must be carried out. The lids must be able to move freely. Dimension P18 (2-wheeled AWB-DU) respectively dimensions (4-wheeled AWB-DU) must be measured after the lifting test has been carried out on the loaded AWB-DU.	No AWB-DU	P ☐ F ☐ N/A ☒ N/T ☐

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3.3.10.1.2	Tilting test for fully loaded AW-DU											
	The container to be tested must be filled with the test load. The emptying of the test load during the lifting procedure is to be prevented by a suitable device. The lid must be able to move freely. The container must <table><tr><td>Test conditions</td><td></td></tr><tr><td>Cycle time for each cycle</td><td>10 – 12 seconds</td></tr><tr><td>Rest period after each cycle</td><td>5 – 10 seconds</td></tr><tr><td>Number of cycles</td><td>100</td></tr></table> come into contact with the ground after each lifting cycle. Dimension P18 (2-wheeled AWB-DU) respectively dimensions (4-wheeled AWB-DU) must be measured after the lifting test has been carried out on the loaded AWB-DU.	Test conditions		Cycle time for each cycle	10 – 12 seconds	Rest period after each cycle	5 – 10 seconds	Number of cycles	100	No AWB-DU	P F N/A N/T	☐ ☐ ☒ ☐
Test conditions												
Cycle time for each cycle	10 – 12 seconds											
Rest period after each cycle	5 – 10 seconds											
Number of cycles	100											
3.3.10.2	Tilting test for waste and recycling containers with lateral receiver											
	Before testing according to DIN EN 840-5 and DIN EN 1501-5 is carried out – the dimensions of the lateral receiver on the lifting device must be measured (1270 + 10 mm) and – the safety catch must be checked for easy movability. The lid must be able to move freely in this test.	No lateral receiver provided	P F N/A N/T	☐ ☐ ☒ ☐								
3.3.10.3	Tilting test for waste and recycling containers with frontal receiver											
	Before testing according to DIN EN 840-5 and DIN EN 1501-5 is carried out the dimensions of the lifting device locking device must be checked (Fig. 7). The lid must be able to move freely in this test.	The containers fit well on the lifting device. The lid move freely during the Lifting-tilting test. Lifting device comply with the series of standards DIN EN 1501. Lifting device: Terberg – Omnidel 313078 Type: TCA-DEL3e For dimension, see at page 84-88	P F N/A N/T	☒ ☐ ☐ ☐								

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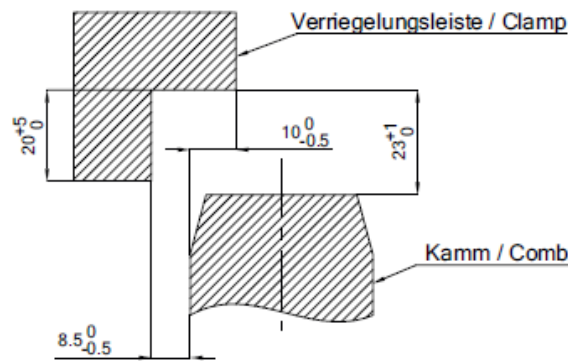


Bild 7 - Kammschüttung/ Fig. 7 - Comb lifting devices

3.3.11	Lid test for flat lids		
	<i>Quality requirements</i> The lid of the AWB may warp during testing, however the deformation must partially or completely return to its "normal" shape at room temperature 24 hours after testing has been completed. Neither the rim of the lid nor the lid itself should be able to be pushed into the body by means of the applied load at temperature. The lid must rest on the container body correctly before testing is started. It must be equipped with at least two pivot points and with at least one mechanism for opening. <i>Test requirements</i> At the beginning of the test, the lid of the AWB is closed and resting on the rim of the AWB. The lid is to be tested at 40 °C for 4 hours with a testing load of 400 N on a surface of 25 x 25 cm located at the center of the lid. The serviceability of the lid is checked after 24 hours (see 3.2.1).	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban There is no damage after the tests. After the test, the lid still covered the body, open easily.	P ☒ F ☐ N/A ☐ N/T ☐
3.3.12	Locking system safety on the lifting device for waste and recycling container AWB-DU		
	<i>Test requirements</i> The space between the upper edge of the DU-receiver of the container and the lower edge of the locking bar of the lifting device shall be measured before and after the tilting trials in section 3.3.10 In this case, a maximum distance of 7 mm is allowed.	No AWB-DU	P ☐ F ☐ N/A ☒ N/T ☐

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3.3.13	Stability		
	<i>Test requirements</i> Other than the given values stated in DIN EN 840-5 (10°), the test must be carried out at a temperature below 12°. In order to keep the container from sliding before it is tipped over, the test floor area must be equipped with a dead stop and a sand paper overlay 120 K (or comparable).	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban No tipping	P ☒ F ☐ N/A ☐ N/T ☐
3.3.14	Kerb travel – falls		
	<i>Test requirements</i> Other than the given values stated in DIN EN 840-5 (140 mm), the test object is lifted 200 mm. In the case of 4-wheeled AWBs, the side to be tested may be chosen by the person carrying out the test.	Results are taken from following test reports: HU20XBGH 001 (2021-02-04): Waste bin 60l urban ; Waste bin 80l urban HU215TLC 001 (2021-06-08): 120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban: HU215TLC 002 (2021-09-15): 120l Urban A version HU215TLC 003 (2023-05-16): 120 l Twin, 240l Twin: HU215TLC 004 (2024-07-17): 120l Urban, 140l Standard, 240l Urban	P ☒ F ☐ N/A ☐ N/T ☐
3.3.15	“Kerb travel” – run test, 4-wheeled waste and recycling containers only		
	<i>Test requirements</i> The goal of the test is to test the wheel mounting of the AWB body. For this reason, the AWB being tested shall only be fitted with casters that do not have a wheel-stopping mechanism.	2-wheeled container	P ☐ F ☐ N/A ☒ N/T ☐

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3.3.16	Brake test, 4-wheeled waste and recycling containers only		
	<i>Test requirements</i> The hold time for the braked AWB is 60 seconds. The narrow side of the container must be placed in the testing direction due to the fact that braking efficiency is less here and consequently, the most critical test case exists.	2-wheeled container	P ☐ F ☐ N/A ☒ N/T ☐
3.3.17	Wheel test – true running		
	<i>Quality requirements</i> The diameter of the wheel shall be measured before and after each test and may only be a maximum of 5 mm under the nominal dimension in each case. <i>Test requirements</i> Additional specifications of the run test according to DIN EN 840-5, paragraph 4.9.3 for wheels for AWBs according to DIN EN 840-1. In order to protect the testing device, a counter support shall be mounted at a distance of 25 mm from the wheel while the test is carried out. This will prevent the wheel from falling off the axle in the event of a breakdown and will stop the testing device from being damaged (Fig. 8). Explanatory statement: If the distance were less, e.g. only 5 mm, a breakdown of the wheel would not be registered by the test device and the test device would not shut down. When the distance is 25 mm, the wheel cannot fully fall off the axle. The testing device can register the breakdown and shut down. Due to the unsatisfactorily defined testing device description found in DIN EN 840-5, the test devices built according to DIN EN 840-5 lead to different test results. Additional specifications of the run test according to DIN EN 840-5, paragraph 4.9.3 for caster for AWBs according to DIN EN 840-2, -3 and -4. A counter support is mounted at a distance of 10 mm from the wheel bolt in order to test the casters and prevent the casters from being able to breaking away to the side when they are rolled over a step (Fig. 8). Explanatory statement: The further the caster is able to break away, the greater the wear on the wheel, and the greater the stress on the caster housing. Due to the unsatisfactorily defined testing device description found in DIN EN 840-5, the test devices built according to DIN EN 840-5 lead to different test results.	Manufacturer: E.K.H Plauen GmbH SKZ certificate: 53605 Artikel-Nr.: 40129020/200/E5/EKH ⌀200mm Certification of the wheel is available. (for measured dimensions, see at page 84-88)	P ☒ F ☐ N/A ☐ N/T ☐

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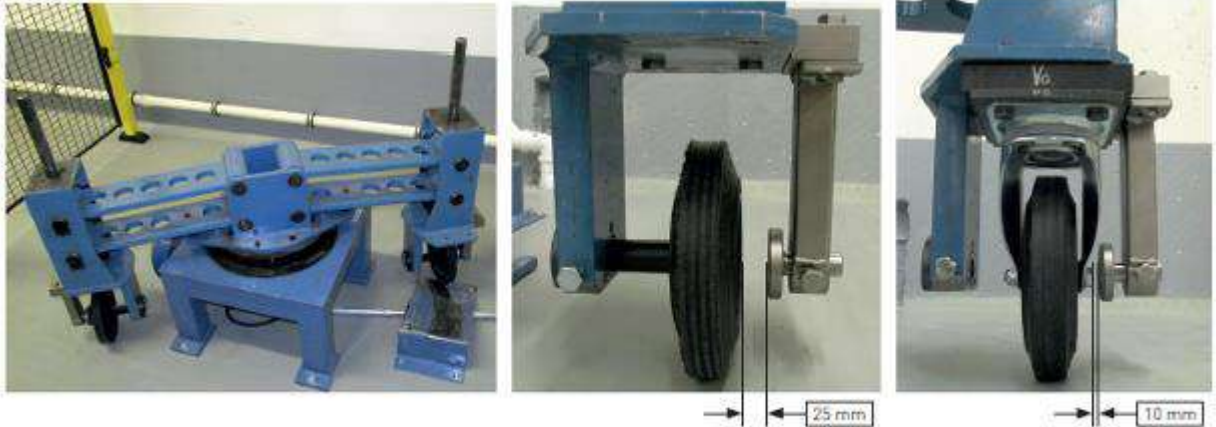


Bild 8 – Radprüfung, Prüfstand mit Gegenhalter/ Fig. 8 – Wheel test, testing device with counter support

3.3.18 Angle expansion test of the frontal receiver of 2-wheeled and 4-wheeled waste and recycling containers

Quality requirements

The AWB may not have any cracks or stress whitening in the area of the frontal receiver.

Test requirements

Test temperature T_2

The container to be tested shall be fixed using a locking bar to the frontal receiver of the test device in such a way (e.g. screwed on) so that the dimensions of the test device do not change during the entire testing period.

The container is lifted in the area of the wheel housing and brought to the angle position $\alpha_D = 25^\circ$ inside a maximum of 20 seconds.

The container is held in this position for 5 seconds.

The testing of each AWB must be carried out inside 5 minutes after the AWB has been taken out of the cold chamber.

After this, the AWB is put back into the resting position, released from the locking mechanism and examined. 3 AWBs shall be tested.

Results are taken from following test reports:

HU20XBGH 001 (2021-02-04):
Waste bin 60l urban ; Waste bin 80l urban

HU215TLC 001 (2021-06-08):
120L Premium, 240L Standard, 240L Premium, 240l Standard with Urban lid, 240L H, 360L Urban:

HU215TLC 002 (2021-09-15):
120l Urban A version

HU215TLC 003 (2023-05-16):
120 l Twin, 240l Twin:

HU215TLC 004 (2024-07-17):
120l Urban, 140l Standard, 240l Urban

There is no crack or stress whitening.

P ☒
F ☐
N/A ☐
N/T ☐

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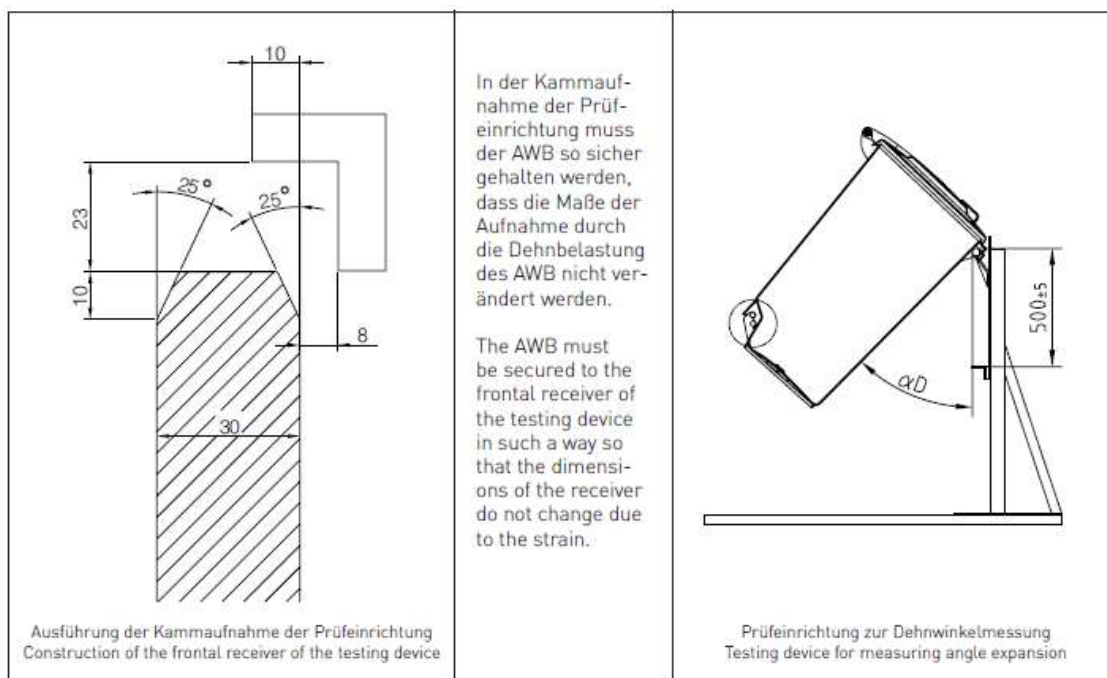


Bild 9 – Dehnwinkelprüfung/ Fig.9 Expansion angle test

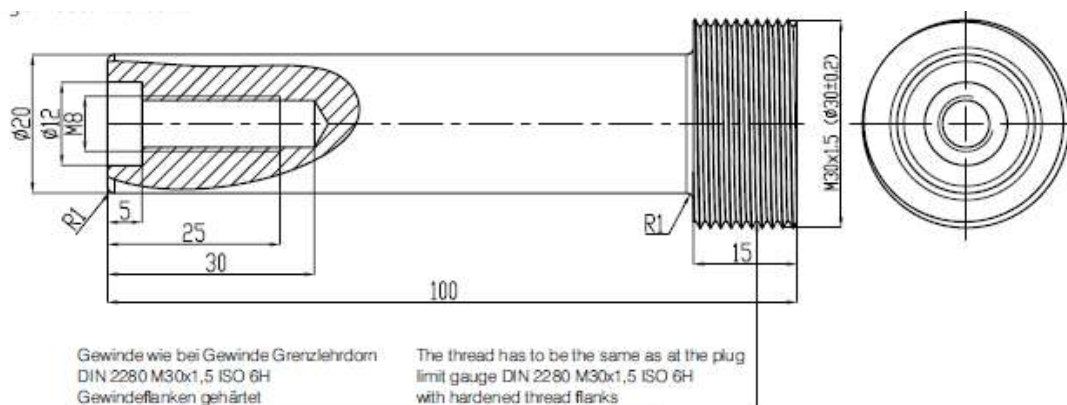


Bild 10 – Prüfkörper

Fig. 10 – Test object

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3.3.19	Stability of the transponder adapter in the RAL chip nest		
	Quality requirements Evaluation of test results The test is “passed” when the test body has not fallen out of the AWB chip nest after 1 hour. All test samples must pass the test. Frequency of the tests The test is only carried out during the initial sample testing and external monitoring. – Initial sample test: 3 test samples – External monitoring: 1 test sample Test requirements – Test object The test object must be consistent with Fig. 10. Dimensional accuracy must be proven by means of a certificate from an acknowledged testing institut. – Mounting of a test object (PK) in the RAL-chip nest • Time of mounting A minimum of 24 hours after the production of the AWB • Mounting temperature Ambient temperature at the time mounting takes place: (23 +/- 5) °C • Mounting temperature The test object is inserted. Attention must be taken to ensure that the test object is inserted at a right angle to the chip nest and inserted as far as it will go in. – Test of fixedness of the test object in the AWB-chip nest • Time of the test A minimum of 24 hours after the mounting of the test object in the AWB-Chip nest • Test temperature Ambient temperature at the time of testing: (23 +/-5) ° C – Execution of the test A test weight is hung on the test object. Weight = 10 kg The test weight must remain hanging in this position for 1 hour.	Not part of the test (no RAL mark)	P ☐ F ☐ N/A ☒ N/T ☐

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4	Monitoring		
4.1	Overview		
	Monitoring is divided into the following categories: – Initial testing – Internal testing – External testing – Re-examination and testing		
4.2	Initial testing		
4.2.1	General		
	Passing the initial test is an indispensable requirement for the awarding of and the entitlement to display the Quality Mark – “Waste and Recycling Containers” including the materials specific inscription “K” for plastic (“Kunststoff” in German). The initial test must be completed by every manufacturer who has applied for the awarding of the Quality Mark at The Quality Control Association of Waste and Recycling Containers. The Quality Committee of the Quality Control Association shall commission neutral experts or a suitable testing institute both of which are accredited according to DIN EN ISO/IEC 17025/17020. The applicant shall bear the costs of the initial testing.		
4.2.2	Content and scope of the initial test		
	In the case of the initial test, the applicant must prove that it is ensured by means of his/her manufacturing facility and his/her expert personnel that he/she can produce the AWBs in accordance with these quality and test requirements. The materials used to manufacture AWBs must be recyclable. Upon request by the GGAWB, verification of the distinguishing characteristics of materials used for manufacturing AWBs shall be proven by providing an appropriate test certificate from an acknowledged testing authority or the manufacturer. The initial test is carried out on the entire AWB that comes from current production according to section 2 and 3. In case of the modification or substitution of individual parts (body, lid, running gear) proof of the re-testing of functional demonstration of the part and the appropriate tests must be provided.	Not part of the test (no RAL mark)	P☐ F☐ N/A☒ N/T☐

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4.3	Internal testing																																																		
	Every Quality Mark holder must continually carry out internal testing in order to show compliance with the quality and test regulations and to ensure that his/her AWBs bearing the RAL Quality Mark are always in compliance with the quality requirements of this quality assurance. Documentation concerning all tests carried out for internal monitoring purposes and all of these test results must be completely and consistently recorded and retained for a minimum of 5 years. A Quality Mark holder can use a certified and regularly audited QM-system service to carry out the internal testing process. The following tests must be carried out: <table border="1"> <thead> <tr> <th>Requirement</th><th>Frequency</th><th>Quality and test requirements according to section</th><th>DIMEN 840-5</th></tr> </thead> <tbody> <tr> <td>Appearance and workmanship</td><td>1x per shift and per day colour test only after a production lot change</td><td></td><td>4.2.1</td></tr> <tr> <td>Dimensions and rated weights</td><td>1x per manufacturing period and per week</td><td>3.3.2</td><td>4.2.2</td></tr> <tr> <td>Deflection of the frontal receiver</td><td></td><td>3.3.5</td><td>4.2.4</td></tr> <tr> <td>Behaviour after warm storage</td><td>1x per week</td><td>3.3.6</td><td></td></tr> <tr> <td>Behaviour after waiting agent test</td><td>1x per week</td><td>3.3.7</td><td>4.3.1</td></tr> <tr> <td>Ball drop test - under cold conditions</td><td>1x per week</td><td>3.3.9</td><td>4.7.2</td></tr> <tr> <td>Falldet - under room temperature conditions</td><td>1x per week</td><td>3.3.8 only 1)</td><td></td></tr> <tr> <td>Marking & labelling</td><td>1x per month</td><td>5</td><td></td></tr> <tr> <td>Locking system safety on the lifting receiver device only for AWS-DU</td><td>1x per manufacturing period and per week</td><td>3.3.12</td><td></td></tr> <tr> <td>Functional test for safety lid*</td><td>Every AWB with a sliding dome lid</td><td></td><td></td></tr> <tr> <td>Drake test - A-abstract AWB only</td><td>1x per manufacturing period and per week</td><td></td><td>4.9.4</td></tr> </tbody> </table> *Instruction regulations and a label serve as proof The Quality Mark holder must take immediate and necessary measures to eliminate defects after unsatisfactory test results.	Requirement	Frequency	Quality and test requirements according to section	DIMEN 840-5	Appearance and workmanship	1x per shift and per day colour test only after a production lot change		4.2.1	Dimensions and rated weights	1x per manufacturing period and per week	3.3.2	4.2.2	Deflection of the frontal receiver		3.3.5	4.2.4	Behaviour after warm storage	1x per week	3.3.6		Behaviour after waiting agent test	1x per week	3.3.7	4.3.1	Ball drop test - under cold conditions	1x per week	3.3.9	4.7.2	Falldet - under room temperature conditions	1x per week	3.3.8 only 1)		Marking & labelling	1x per month	5		Locking system safety on the lifting receiver device only for AWS-DU	1x per manufacturing period and per week	3.3.12		Functional test for safety lid*	Every AWB with a sliding dome lid			Drake test - A-abstract AWB only	1x per manufacturing period and per week		4.9.4	Not part of the mechanical test	P ☐ F ☐ N/A ☒ N/T ☐
Requirement	Frequency	Quality and test requirements according to section	DIMEN 840-5																																																
Appearance and workmanship	1x per shift and per day colour test only after a production lot change		4.2.1																																																
Dimensions and rated weights	1x per manufacturing period and per week	3.3.2	4.2.2																																																
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4.4	External testing																																				
4.4.1	General																																				
	The Quality Committee of the Quality Control Association shall commission neutral experts or suitable testing institutes (accredited according to DIN EN ISO/IEC 17025/17020). External testing shall be carried out without previous notice and testing shall take place during operational working times in the plant of the Quality Mark holder. The tester must legitimize his presence and identify himself before testing begins.																																				
4.4.2	Content and scope of external monitoring																																				
	The external monitoring process requires that the Quality Mark holder provide the tester with all of the documentation about internal monitoring. The tester shall examine these documents concerning their entirety and can request further information about the documentation. The tester shall take random samples of the quality assured AWBs of the Quality Mark holder according to these quality and test regulations. Samples requested for by the tester shall remain with the tester. Stored testing samples In case AWBs marked with a Quality Mark are not available, 5 stored testing samples for each upcoming AWB test must be available. The production date of the stored testing samples must not be older than the period since the last monitoring test. <table><tr><th>Requirement</th><th>Quality and test requirements according to section</th><th>EN 840-5</th></tr><tr><td>Appearance and workmanship</td><td></td><td>4.2.1</td></tr><tr><td>Dimensions and mass/weight, Deflection of the frontal receiver</td><td>3.3.2 3.3.5</td><td>4.2.2.2 4.2.4</td></tr><tr><td>Behaviour after wetting agent test</td><td>3.3.7</td><td>4.11.1</td></tr><tr><td>Ball drop test – under cold conditions</td><td>3.3.9</td><td>4.7.2</td></tr><tr><td>Fall test – under room temperature conditions</td><td>3.3.8</td><td></td></tr><tr><td>Marking & labelling</td><td>5</td><td></td></tr><tr><td>Locking system safety on the lifting receiver device only for AWB-DU</td><td>3.3.12</td><td></td></tr><tr><td>Functional test for safety lid (sliding dome lid)</td><td></td><td></td></tr><tr><td>Brake test – 4-wheeled AWB only</td><td></td><td>4.9.4</td></tr><tr><td>Stability of the transporter adapter</td><td>3.3.19</td><td></td></tr></table>	Requirement	Quality and test requirements according to section	EN 840-5	Appearance and workmanship		4.2.1	Dimensions and mass/weight, Deflection of the frontal receiver	3.3.2 3.3.5	4.2.2.2 4.2.4	Behaviour after wetting agent test	3.3.7	4.11.1	Ball drop test – under cold conditions	3.3.9	4.7.2	Fall test – under room temperature conditions	3.3.8		Marking & labelling	5		Locking system safety on the lifting receiver device only for AWB-DU	3.3.12		Functional test for safety lid (sliding dome lid)			Brake test – 4-wheeled AWB only		4.9.4	Stability of the transporter adapter	3.3.19		Not part of the mechanical test	P F N/A N/T	☐ ☐ ☒ ☐
Requirement	Quality and test requirements according to section	EN 840-5																																			
Appearance and workmanship		4.2.1																																			
Dimensions and mass/weight, Deflection of the frontal receiver	3.3.2 3.3.5	4.2.2.2 4.2.4																																			
Behaviour after wetting agent test	3.3.7	4.11.1																																			
Ball drop test – under cold conditions	3.3.9	4.7.2																																			
Fall test – under room temperature conditions	3.3.8																																				
Marking & labelling	5																																				
Locking system safety on the lifting receiver device only for AWB-DU	3.3.12																																				
Functional test for safety lid (sliding dome lid)																																					
Brake test – 4-wheeled AWB only		4.9.4																																			
Stability of the transporter adapter	3.3.19																																				

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	The tester shall compile a monitoring report from the results of the external monitoring process. The Quality Mark holder shall be given a copy of the monitoring report and a further copy shall be given to the Quality Committee of The Quality Control Association. External monitoring of production shall be carried out once a year. External monitoring of the quality assured AWB shall be carried out every 2 years. The tester shall use the test reports specially developed by The Quality Control Association for external monitoring. Should the test results be negative, the Quality Mark holder may not deliver the AWBs to recipients that were manufactured in the time period between the last passed test and the test that was not passed. If manufacturing operations have been tested internally in the time period between the last test passed and the failed test, the Quality Mark holder may not ship any AWBs that were manufactured in the time period between the last internal test passed and the failed external test. If any AWBs are shipped within the specified time periods, the Quality Mark holder must inform the recipient in both cases. External monitoring costs shall be paid by the Quality Mark holder.		
4.5	Repeat test		
	Should the tester finds defects in quality assurance during the external monitoring process carried out at the Quality Mark holders location, the Quality Committee of The Quality Control Association can set a date for repeat testing. Scope, content and the date of the repeat test shall be defined by the Quality Committee. The Quality Committee shall assign the same tester, who carried out the previous test, to carry out repeat testing. Should the repeat test not be passed, a further course of action shall be determined and taken according to the procedure regulations for the awarding of and entitlement to display the Quality Mark of The Quality Control Association of Waste and Recycling Containers (Gütegemeinschaft Abfall- und Wertstoffbehälter e. V.). The costs for the repeat test shall be paid by the Quality Mark holder.	Not part of the mechanical test	P ☐ F ☐ N/A ☒ N/T ☐
5	Marking and labelling		
	Waste and recycling containers made of plastic that are demonstrably consistent with these quality and test requirements can be labelled with the RAL-Quality Mark "AWB "or "AWB-DU", respectively, of The Quality Control Association as seen below including the materials inscription "K" for plastic ("Kunststoff" in German) as soon as the manufacturer has been awarded with the Quality Mark from the Quality Control Association.	Not part of the mechanical test	P ☐ F ☐ N/A ☒ N/T ☐

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Bild 11 - Logo



Fig. 11 - Logo

The labelling of the quality assured AWB with the RALQuality Mark (Fig. 11) shall be affixed to the body and to the lid.

Further information shall be suitably affixed to the AWB:

	Body	Lid
Mold number (possibly encoded)	X	X
Year and month of manufacture	X	X
DIN 30760 and/ or DIN EN 840, respectively	X	
Volume of the AWB	X	
Max. allowed total mass	X	
Manufacturer's name or trade name	X	
Material indication	X	X
Labelling according to EU guideline 2000/14/EG for standard AWBs: CE-Mark and LWA in dB(A) according to current valid regulation of The Quality Control Association of Waste and Recycling Containers (Gütegemeinschaft Abfall- und Wertstoffbehälter e.V.) [VA-5].		X

The labelling of the wheels shall take place according to the current valid agreement between The Quality Control Association of Waste and Recycling Containers and the wheel manufacturers (VA-6). The RAL-Quality Mark and all other labels and marks must be clearly legible and permanently affixed.

6 Modifications/ Amendments

Modifications and amendments to these quality and testing regulations including editorial changes require previous written permission from RAL. Notification of modifications or amendments will be provided by the board to the Quality Mark holder and implemented after a corresponding period of transition.

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7	Enclosures																																				
7.1	Test reports – 2-wheeled AWB, 4-wheeled AWB, 2-wheeled AWB-DU, 4-wheeled AWB-DU																																				
7.3	Colours																																				
	Colour recommendations for the identification of waste and recyclables according to the RAL Quality mark RAL-GZ 951/1 <table><thead><tr><th>Colours</th><th>Comparable to RAL-colour samples</th><th>Recommended use</th></tr></thead><tbody><tr><td>grey</td><td>1021 </td><td>Residual waste</td></tr><tr><td>green</td><td>6011 </td><td>Bio-waste or green glass, respectively</td></tr><tr><td>green (suitable for the use of recycled)</td><td>6020 </td><td>Bio-waste or green glass, respectively</td></tr><tr><td>brown</td><td>8025 </td><td>Bio-waste or brown glass, respectively</td></tr><tr><td>brown (suitable for the use of recycled)</td><td>8028 </td><td>Bio-waste or brown glass, respectively</td></tr><tr><td>blue</td><td>5015 </td><td>Recovered paper</td></tr><tr><td>blue (suitable for the use of recycled)</td><td>5003 </td><td>Recovered paper</td></tr><tr><td>yellow</td><td>1018 1021 </td><td>Light-weight packaging materials</td></tr><tr><td>red</td><td>3020 </td><td>Hazardous substances</td></tr><tr><td>white</td><td>9003 </td><td>Hospital waste or white glass, respectively</td></tr></tbody></table> The colour values shown above are colour guidelines according to RAL. It should be noted that the colours outlined in the overview are recommendations only.	Colours	Comparable to RAL-colour samples	Recommended use	grey	1021 	Residual waste	green	6011 	Bio-waste or green glass, respectively	green (suitable for the use of recycled)	6020 	Bio-waste or green glass, respectively	brown	8025 	Bio-waste or brown glass, respectively	brown (suitable for the use of recycled)	8028 	Bio-waste or brown glass, respectively	blue	5015 	Recovered paper	blue (suitable for the use of recycled)	5003 	Recovered paper	yellow	1018 1021 	Light-weight packaging materials	red	3020 	Hazardous substances	white	9003 	Hospital waste or white glass, respectively	Not part of the mechanical test	P F N/A N/T	☐ ☐ ☒ ☐
Colours	Comparable to RAL-colour samples	Recommended use																																			
grey	1021 	Residual waste																																			
green	6011 	Bio-waste or green glass, respectively																																			
green (suitable for the use of recycled)	6020 	Bio-waste or green glass, respectively																																			
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red	3020 	Hazardous substances																																			
white	9003 	Hospital waste or white glass, respectively																																			

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7.4	Maximal zulässige Gesamtmassen																																																								
	Overview for the determination of the maximum allowed total weights for AWBs made of plastic In the case of filling containers with waste and recycled material having a density of up to 0.4 kg/dm3 <table><tr><th>Container size</th><th>Maximum allowed total weights</th></tr><tr><td>AWB 60</td><td>50 kg</td></tr><tr><td>AWB 80/90</td><td>50 kg</td></tr><tr><td>AWB 110/120</td><td>60 kg</td></tr><tr><td>AWB 140</td><td>70 kg</td></tr><tr><td>AWB 180</td><td>90 kg</td></tr><tr><td>AWB 240</td><td>110 kg</td></tr><tr><td>AWB 280</td><td>120 kg</td></tr><tr><td>AWB 340/360</td><td>160 kg</td></tr><tr><td>AWB 590</td><td>260 kg</td></tr><tr><td>AWB 660</td><td>300 kg</td></tr><tr><td>AWB 770</td><td>360 kg</td></tr><tr><td>AWB 1000</td><td>460 kg</td></tr><tr><td>AWB 1100</td><td>510 kg</td></tr><tr><td>AWB 1350</td><td>580 kg</td></tr></table> Overview for the determination of the maximum allowed total weights for AWB-DU made of plastic In the case of filling containers with waste and recycled material having a density of up to 0.4 kg/dm3 <table><tr><th>Container size</th><th>Maximum allowed total weights</th></tr><tr><td>AWB-DU 60</td><td>55 kg</td></tr><tr><td>AWB-DU 80</td><td>55 kg</td></tr><tr><td>AWB-DU 120</td><td>60 kg</td></tr><tr><td>AWB-DU 140</td><td>70 kg</td></tr><tr><td>AWB-DU 180</td><td>90 kg</td></tr><tr><td>AWB-DU 240</td><td>115 kg</td></tr><tr><td>AWB-DU 340</td><td>170 kg</td></tr><tr><td>AWB-DU 660</td><td>315 kg</td></tr><tr><td>AWB-DU 770</td><td>360 kg</td></tr><tr><td>AWB-DU 1000</td><td>470 kg</td></tr><tr><td>AWB-DU 1100</td><td>510 kg</td></tr></table>	Container size	Maximum allowed total weights	AWB 60	50 kg	AWB 80/90	50 kg	AWB 110/120	60 kg	AWB 140	70 kg	AWB 180	90 kg	AWB 240	110 kg	AWB 280	120 kg	AWB 340/360	160 kg	AWB 590	260 kg	AWB 660	300 kg	AWB 770	360 kg	AWB 1000	460 kg	AWB 1100	510 kg	AWB 1350	580 kg	Container size	Maximum allowed total weights	AWB-DU 60	55 kg	AWB-DU 80	55 kg	AWB-DU 120	60 kg	AWB-DU 140	70 kg	AWB-DU 180	90 kg	AWB-DU 240	115 kg	AWB-DU 340	170 kg	AWB-DU 660	315 kg	AWB-DU 770	360 kg	AWB-DU 1000	470 kg	AWB-DU 1100	510 kg	Not part of the mechanical test	P☐ F☐ N/A☒ N/T☐
Container size	Maximum allowed total weights																																																								
AWB 60	50 kg																																																								
AWB 80/90	50 kg																																																								
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AWB-DU 60	55 kg																																																								
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AWB-DU 1100	510 kg																																																								

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Übersicht der geforderten Prüfungen und Richtlinien

Test requirements for quality assurance according Control Association to RAL-GZ 951/1 for obtaining the Waste Quality Mark Waste and Recycling Containers			The Quality Control Association of Waste and Recycling Containers	
AWB:		Applicant: (company – name – date)	Certificate in appendix	
N°		Description	Responsible / Test.nr. / Date	
Product standard specifications	DIN EN 840-1	– Containers with 2 wheels and a volume of up to 400l for comb lifting devices – dimensions and design	AP	
	DIN EN 840-5	– Performance requirements and test methods		
	DIN EN 840-6	– Safety and health requirements		
	DIN EN 840-2	– Containers with 4 wheels and a volume of up to 1300l with a flat lid(s), for lifting devices with lateral receivers and / or for comb lifting devices – dimensions and design	AP	
	DIN EN 840-5	– Performance requirements and test methods		
	DIN EN 840-6	– Safety and health requirements		
	DIN EN 840-3	– Containers with 4 wheels and a volume of up to 1300l with dome lid(s), for lifting devices with lateral receivers and / or for comb lifting devices – dimensions and design	AP	
	DIN EN 840-5	– Performance requirements and test methods		
	DIN EN 840-6	– Safety and health requirements		
	DIN EN 840-4	– Containers with 4 wheels with a capacity up to 1700l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – Dimensions and design	AP	
DIN EN 840-5	– Performance requirements and test methods			
DIN EN 840-6	– Safety and health requirements			
	DIN 30760	Mobile waste and recycling containers – Containers with two wheels with a capacity from 60l to 360l for diamond lifting device	AP	
Further applicable standards	DIN EN 15132	Container shells for mobile waste containers with a capacity up to 1700l - Performance requirements and test methods	EB	
	DIN EN 14803	Electronic identifications of waste containers using transponder technology	EB	
Guidelines	CE-Mark 2000/14/EG	European guidelines concerning the environmental impact of noise emissions	EB	
	GS-Mark	Certified safety	AV	
	AfPS GS 2019:01 PAK	Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks	AP	
	DIN EN ISO 9001	Quality Management Systems	Not required, but if available AZ	
RAL-GZ 951/1		Additional quality and testing requirements	AP	

Legend: AZ: Accredited Certification Agency AP: Accredited Testing Institute
EB: Manufacturer's Internal Certificate AV: Acknowledges Awarding Agency

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ZUSATZ-DOKUMENTATION
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Types:

<u>Article name</u>	<u>Overall dimensions</u> (L x W x H) [mm]	<u>Weight</u> [kg]	<u>Max. permissible mass</u> [kg]	<u>Mold number</u> Body / lid	<u>Materials</u>
60 Liter Urban	445 x 522 x 935	8,5	50	WB.525.60.M15.K1 / WB.527.60/80.M15.K2	HDPE body, HDPE lid, rubber wheel with plastic rim, steel axle, HDPE lid fixing pin
80 Liter Urban	445 x 522 x 935	8,1	50	WB.524.80.M15.K1 / WB.527.60/80.M15.K2	
120 Liter Premium	480 x 550 x 964	9,1	60	WB.307.120.M1.K1 / WB.307.120.M1.K2	
120 Liter Twin	489 x 541 x 953	8,0	60	WB.355.120.M4.K1 / WB.355.120.M4.K2	
120 Liter Urban	480 x 555 x 950	8,2	60	WB.562.120.M15.K1 / WB.528.120.M15.K2 WB.689.120.M15.K1 / WB.690.120.M15.K2	
140 Liter Standard	480 x 550 x 1055	9,1	70	WB.181.140.M2.K1 / WB.356.140.M3.K2	
240 Liter H	585 x 740 x 1070	12,7	110	WB.216.240.M5.K1 / WB.216.240.M5.K2	
240 Liter Premium	578 x 734 x 1080	12,7	110	WB.309.240.M1.K1 / WB.308.240.M1.K2	
240 Liter Twin	584 x 710 x 1064	11,1	110	WB.358.240.M4.K1 / WB.358.240.M4.K2	
240 Liter Standard	580 x 740 x 1070	12,8	110	WB.357.240.M3.K1 / WB.357.240.M3.K2	
240 Liter Standard UL	580 x 740 x 1085	13,0	110	WB.357.240.M3.K1 / WB.529.240.M15.K2	
240 Liter Urban	578 x 731 x 1080	11,6	110	WB.697.240.M15.K1 / WB.529.240.M15.K2	
360 Liter Urban	596 x 880 x 1099	15,1	160	WB.484.360.M15.K1 / WB.485.360.M15.K2	

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Markings:

60 Liter Urban

	Container	EN 840-1	60	A	24	50
Bezeichnung	☐	☐	☐	☐	☐	☐
Norm	☐	☐	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☐	☐	☐	☐
Form	☐	☐	☐	☐	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☐	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☐
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	60 Liter Urban					
Werkzeuge:	WB.525.60.M15.K1 / WB.527.60/80.M15.K2					

80 Liter Urban

	Container	EN 840-1	80	A	32	50
Bezeichnung	☐	☐	☐	☐	☐	☐
Norm	☐	☐	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☐	☐	☐	☐
Form	☐	☐	☐	☐	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☐	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☐
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	80 Liter Urban					
Werkzeuge:	WB.524.80.M15.K1 / WB.527.60/80.M15.K2					

120 Liter Premium

	Container	EN 840-1	120	A	48	60
Bezeichnung	☐	☐	☐	☐	☐	☐
Norm	☐	☐	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☐	☐	☐	☐
Form	☐	☐	☐	☐	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☐	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☐
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	120 Liter Premium					
Werkzeuge:	WB.307.120.M1.K1 / WB.307.120.M1.K2					

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120 Liter Twin

	Container	EN 840-1	120	A	48	60
Bezeichnung	☒	☐	☐	☐	☐	☐
Norm	☐	☒	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☒	☐	☐	☐
Form	☐	☐	☐	☒	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☒	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☒
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	120 Liter Twin					
Werkzeuge:	WB.355.120.M4.K1 / WB.355.120.M4.K2					

120 Liter Urban

	Container	EN 840-1	120	A	48	60
Bezeichnung	☒	☐	☐	☐	☐	☐
Norm	☐	☒	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☒	☐	☐	☐
Form	☐	☐	☐	☒	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☒	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☒
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	120 Liter Urban					
Werkzeuge:	WB.562.120.M15.K1 / WB.528.120.M15.K2 WB.689.120.M15.K1 / WB.528.120.M15.K31					

140 Liter Standard

	Container	EN 840-1	140	A	56	70
Bezeichnung	☒	☐	☐	☐	☐	☐
Norm	☐	☒	☐	☐	☐	☐
Volumen, in Liter	☐	☐	☒	☐	☐	☐
Form	☐	☐	☐	☒	☐	☐
Max. Belastung in kg.	☐	☐	☐	☐	☒	☐
Zulässige Gesamtmasse in kg	☐	☐	☐	☐	☐	☒
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	140 Liter Standard					
Werkzeuge:	WB.181.140.M2.K1 / WB.356.140.M3.K2					

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240 Liter H

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter H					
Werkzeuge:	WB.216.240.M5.K1 / WB.216.240.M5.K2					

240 Liter Premium

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter Premium					
Werkzeuge:	WB.309.240.M1.K1 / WB.308.240.M1.K2					

240 Liter Twin

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter Twin					
Werkzeuge:	WB.358.240.M4.K1 / WB.358.240.M4.K2					

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240 Liter Standard

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter Standard					
Werkzeuge:	WB.357.240.M3.K1 / WB.357.240.M3.K2					

240 Liter Standard UL

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter Standard UL					
Werkzeuge:	WB.357.240.M3.K1 / WB.529.240.M15.K2					

240 Liter Urban

	Container	EN 840-1	240	A	96	110
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs ; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	240 Liter Urban					
Werkzeuge:	WB.697.240.M15.K1 / WB.529.240.M15.K2					

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360 Liter Urban

	Container	EN 840-1	360	A	144	160
Bezeichnung						
Norm						
Volumen, in Liter						
Form						
Max. Belastung in kg.						
Zulässige Gesamtmasse in kg						
Herstellername:	MNG Plastik-Gogić doo Indjija, Kralja Petra I 227, Indjija, Serbia					
Contact:	www.plastikgogic.rs; e-mail: office@plastikgogic.rs					
EU-Vertreter:	EOL-EKOS d.o.o., Perimani 13A, Jurdani, Croatia					
Typ:	360 Liter Urban					
Werkzeuge:	WB.484.360.M15.K1 / WB.485.360.M15.K2					

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Functional dimensions [mm]:

EN 840-1 – Class I a type a		60L Urban 445; x 522 x 935 A003655860-008		EN 840-1 – Class I a type a	80L Urban 445; x 522 935 A003655860-009
1*	448 ± 5	443		448 ± 5	443
2*	448 ± 5	443		448 ± 5	443
3	530 max.	522		530 max.	523
4	1005 max	928		1005 max	939
5*	860-970	860		860-970	865
6	450 max.	428,1		450 max.	426,5
7	1 010 max.	968		1 010 max.	975
8	430-670	451,2		430-670	451,7
10	320 ± 10	315		320 ± 10	310,4
11*	200 ⁺¹ ₋₅	198,9		200 ⁺¹ ₋₅	198,9
12*	19 min	19,2		19 min	19,0
13*	6 ⁺² _{-4,5}	4,00		6 ⁺² _{-4,5}	4,7
15*	13 ⁺² ₋₅	11,8		13 ⁺² ₋₅	11,3
16*	21 ⁺² ₋₂	20,4		21 ⁺² ₋₂	20,4
18*	26 ± 1	25,0		26 ± 1	25,0
19*	58 max.	53,1		58 max.	54,0
20	20 min.	26,1		20 min.	25,0
21*	130 max.	71,5		130 max.	69,7
22	15 max.	6,9		15 max.	7,2
23	33 ⁺⁸ ₀	31,9 ^[1]		33 ⁺⁸ ₀	31,3 ^[1]
26*	147 ± 8	153,3 (nincs middle rib, thickness of the rib: 3,6)		147 ± 8	153,5, no middle rib
27	270° min.	276,2		270° min.	277,6
28	413 min	425		413 min	429
Weight [kg]		8,5			8,1
Handle					
H standing	900 ⁺¹⁰⁰ ₋₂₅	879		900 ⁺¹⁰⁰ ₋₂₅	889
H tilting	min. 700	788		min. 700	803
clearance	min. 36	37,68		min. 36	37,68
ød	25 ⁺¹⁰ ₋₅	26,7	28,7	25 ⁺¹⁰ ₋₅	27,0 + 28,0
L	min. 120	2 x 103,9 ^[2]		min. 120	2x 103,2 ^[2]
*The dimensions with blue are mandatory					
^[1] The dimension is outside of the limit, but recommended only.					
^[2] Due to the size of the containers, maximal load capacity is relative low, the container can be hold and grab with not full-handed					

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EN 840-1 - Class I b		120 Liter Premium Premium body and Premium lid A003655861-006		120 Liter Twin A003655861-007	120 Liter Urban mold: WB.562.120.M15.K1 / WB.528.120.M15.K2 A003655861-002		120 Liter Urban mold: WB.689.120.M15.K1 / WB.690.120.M15.K2 A003655861-001 and -005	
1*	505 max.	475,6		480,0	477,6		479,0	
2*	480 ± 5	477		480,0	479,2		477,4	
3	555 max.	550		535	551		558 ^[1]	
4	1005 max.	966		974	950		950	
5*	860 min.; 970 max.	903		870	888		888	
6	490 max.	479,5		483	483		481	
7	1010 max.	1009		984	998		1000	
8	430 min.; 670 max	480,9		510	467,4		462,4	
10	385 max	374,2		343,4	372,7		370,7	
11*	200 ⁺¹ ₋₅	197,8		198,5	198,0		198,9	
12*	19 min	19,0		19,0	22,3		19,3	
13*	6 ⁺¹ _{-1,5}	4,2		3,3-3,5	3,3		4,3	
15*	13 ⁺⁵ ₋₈	11,1		11,0	12,6		12,6	
16*	21 ⁺³ ₋₅	19,0		19,1	19,0		19,6	
18*	26 ± 1	25,0		25,4	25,0		25,0	
19*	58 max.	55,2		51,1	54,0		53,0	
20	20 min.	26,8		22,3	22,3		20,8	
21*	130 max.	83,8		59,7	79,5		79,9	
22	15 max.	8,8		5,1	8,9		8,9	
23	33 ⁺⁸ ₋₅	30,9 ^[1]		37,2	38,1		36,8	
26*	180 ± 5	180,4		180,0	179,9		179,3	
27	270° min.	274,7		277	274,3		275,5	
28	445 min	447		449	473		465	
Weight		9,1		7,82 kg	8,16 kg		8,18 kg	
Handle								
H _{standing}	900 ⁺⁴⁰⁰ ₋₂₅	920mm		925	898		900	
H _{tilting}	min. 700	835		845	816		827	
clearance	min. 36	36,9		39,5	36,4		36,4	
ød	25 ⁺¹⁰ ₋₅	d=25,0		27,5-27,4	25,0		24,4	
L	min. 120	124,6	218,0	2 x 156	124,1	222	124,3	218

*The dimensions with blue are mandatory

^[1] The dimension is outside of the limit, but recommended only.

^[2] NOTE to dimension 26: There is no middle rid on the 120l containers

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EN 840-1 - Class I c		Standard 140I A003655861-014, -015
1*	505 max.	492
2*	480 ± 5	480
3	555 max.	548
4	1 100 max.	1055
5*	860 min.; 1030 max.	997
6	490 max.	480
7	1 155 max.	1105
8	430 min.; 670 max	511,2
10	385 max	361,1
11*	200 ⁺² ₋₅	197,4
12*	19 min	19
13*	6 ⁺² _{-4,5}	3,2
15*	13 ⁺⁵ ₋₃	12,8
16*	21 ⁺² ₋₂	19
18*	26 ± 1	25,6
19*	58 max.	53,2
20	20 min.	25,2
21*	130 max.	82,1
22	15 max.	3,1
23	33 ₀ ⁺⁸	37,4
26*	180 ± 5	181
27	270° min.	276,3°
28	445 min	470
Weight		9,2
Handle		
H _{standing}	900 ⁺⁴⁰⁰ ₋₁₅	1012
H _{tilting}	min. 800	922
clearance	min. 36	36,5
ød	25 ⁺¹⁰ ₋₅	25,52
L	min. 120	122,5; 197,0
*The dimensions with blue are mandatory		
[1] The dimension is outside of the limit, but recommended only.		

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EN 840-1 - 240 I – Class II b		240 Liter Premium A003655861-010	240 Liter Twin A003655861-013	240 Liter Standard A003655861-003	240 Liter Standard UL A003655861-004	240 Liter Urban A003655861-016, -017	240 Liter H A003655861-011									
1*	580 ± 5	577,7	580,4	582,5 (572,5)	583	578,2	585,0 (573,3)									
2*	580 ± 5	576,6	576,4	582,5	580,7	578,2	585,0									
3	740 max.	733	701	738	740	738	740									
4	1 100 max.	1071	1061	1069	1082	1085	1069									
5*	860 min.; 1 030 max.	1001	958	1001	1001	998	992									
6	590 max.	564,8	565	567	562	566,7	483,7									
7	1 190 max.	1155	1145	1143	1167	1167	1130									
8	560 min; 760 max.	629,2	668,6	618,5	622,6	648,6	615									
10	430 ⁺²⁰ ₋₃₀	416,1	431,0	424,4	415	411,8	407,2									
11*	200 ⁺¹ ₋₁	199,7	198,9	200,6	197,0	200,6	198,0									
12*	19 min	22,4	21,4	27,9	24,45	21,2	34,4									
13*	6 ⁺¹ _{-1,5}	3,9-4,8	3,2-3,5	3,5 – 4,0	3,58-4,0	3,3-3,7	4,28									
15*	13 ⁺³ ₋₃	18,0	11,4	16,6	16,5	14,5	13,96									
16*	21 ⁺² ₋₂	20,2	19,6	20,6	20,8	20,0	23,0									
18*	26 ± 1	25,4	25,3	25,0	25,0	25,0	25,0									
19*	58 max.	55,9	53,9	52,3	53,1	54,9	54,6									
20	20 min.	26,1	23,7	23,8	24,7	26,2	20,1									
21*	130 max.	central: 67,0; side: 80,7	77,6	central: 96,0; sides: 100,5	central: 96,1; side: 101,4	92,5	90									
22	15 max.	10,5	11,0	7,9	8,0	7,3	6,6									
23	33 ⁺⁸ ₋₅	39,3	40,0	39,2	39,4	37,7 (to the wall: 45,2)	41,0									
26*	291 ⁺³ ₋₃	288,9	288,5	286,1	286,2	294	287,7									
27	270° min.	275,2	271,6	277,9	277,0	275	276,1									
28	545 min.	568	568	571	570	562	575									
Weight	Weight	12,7	11,1	12,7	12,9	11,8	12,7									
Handle																
H standing	900 ⁺⁴⁰⁰ ₋₂₅	1016	1025	1007	1009	1022	1010									
H tilting	min. 800	886	875	872		867	880									
clearance	min. 36	46,3-46,7		45,4	45,1	47,9	44,1									
ød	25 ⁺¹⁰ ₋₅	26,4-26,6	26,3	27,4	27,4	27,6	25,9-26	25,0-26,1	26,0-26,2	25,4						
L	min. 120	126,5	254	132,6	128,1	132,5	123,4	123,8	124,4	125,1	125,0;	124,4	126,1; 255,0	142,1	47,9 ^[2]	142,3

*The dimensions with blue are mandatory

[1] The dimension is outside of the limit, but recommended only.

[2] The dimension – length of the handle on the model of H240I container – is less than the required, but 2 other handles are available with proper length.

[3] NOTE to dimension 26: There are middle rid on all of the 240I containers, except H240I.

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EN 840-1 Class II c - type a		360L Urban A003655861-012	
1*	640 max.	596,4	
2*	590 ⁺¹⁰ ₋₅	596,4	
3	880 max.	884 ^[1]	
4	1 115 max.	1097	
5*	860 min.;1 030 max.	1015	
6	650 max.	564	
7	1 250 max.	1224	
8	560 min; 760 max.	758,1	
10	565 max.	409	
11*	200 ⁺¹ ₋₅	199,1	
12*	19 min	20,3	
13*	6 ⁺³ _{-4,5}	3,9 – 4,4	
15*	13 ⁺³ ₋₅	14,9	
16*	21 ⁺⁴ ₋₅	20,4	
18*	26 ± 1	25,3	
19*	58 max.	55,1	
20	20 min.	19,5 ^[1]	
21*	130 max.	83,6	
22	15 max.	9,5	
23	33 ⁺⁸ ₋₆	37,1	
26*	300 ⁺⁵ ₋₁₀	294 ^[2]	
27	270° min.	274,9	
28	554 min.	584	
Weight	Weight	15,1	
Thickness of the rid (note to dimension 26)	max. 6	3,6	
	Handle		
H standing	900 ⁺⁴⁰⁰ ₋₂₅	1020	
H tilting	min. 800	850	
clearance	min. 36	46,4	
ød	25 ⁺¹⁰ ₋₅	25,3	25,4-25,7
L	min. 120	127	251
*The dimensions with blue are mandatory			
^[1] The dimension is out of the limit, but recommended only.			
^[2] NOTE to dimension 26: There is a middle rid on the container			