

Notified body No. 1121

## Certificate of constancy of performance

### 1121-CPR-JA5117

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

### K- FLEX K-FIRE FLEXI COAT

Intended use: Linear Joint Seals

Essential characteristics	Performance according to	Technical specification
Reaction to fire	ETA 17/1016	ETAG 26-03 (Used as EAD)
Resistance to fire		
Dangerous substances		

## Certificate of constancy of performance

**1121-CPR-JA5117**

produced for

**L'ISOLANTE K-FLEX S.p.A**  
**Via Don G. Locatelli, 35,**  
**20877, Roncello, MB, Italy**

and produced in the manufacturing plant

**E/130**

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in the European Technical Approval referenced

**ETA 17/1016**

under system 1 of AVCP are applied and that

***the product fulfils all the prescribed requirements set out above.***

This certificate was first issued on **12/02/18** and was revised on **27/03/18** will remain valid to the date given below as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Valid to: **11/02/21**



Paul Duggan  
Certification Manager

**Exova (UK) Limited trading as Warrington Certification**  
**Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK**





Certificate HU07/2531

The management system of

# K-Flex Polska Sp. z o. o.

Registration address: ul. Pucka 112, 81-154 Gdynia, Poland

Certified localization: Wielenin-Kolonia 50B, 99-210 Uniejów, Poland

has been assessed and certified as meeting the requirements of

## ISO 9001:2015



For the following activities

**Manufacturing and wholesale of insulation systems for thermal and acoustical application.**

This certificate is valid from 6 February 2021 until 5 February 2024 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 8. Certified since 3 May 2007



Authorised by

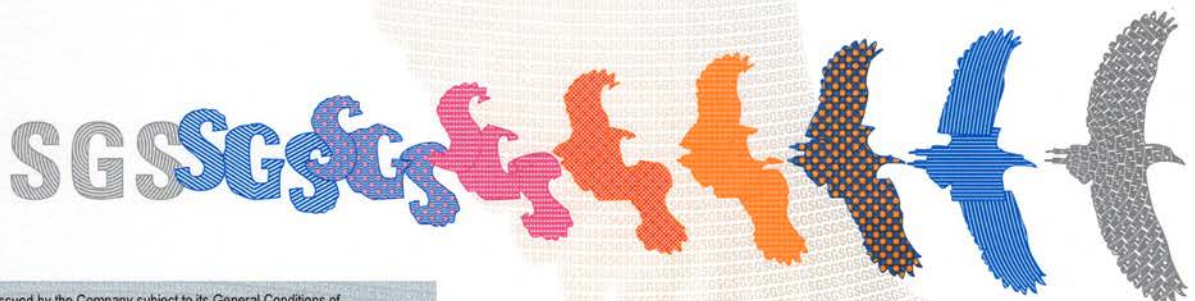


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HC SGS 9001 2015 0818

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# AENOR

## AENOR Product Certificate Plastics



001/006823

AENOR certifies that the organization

### KAYALAR PRES DÖKÜM SAN. VE. TIC. LTD. STI.

registered office ESENKENT MAH. DUDULLU OSB 2. CADDE ÜMRANIYE  
ISTANBUL (Turkey)

supplies Plastics piping system for hot and cold water installations. Polypropylene

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)  
UNE-EN ISO 15874-5:2013 (EN ISO 15874-5:2013)

SYSTEM DESCRIPTION Trademark: KAS  
Type of joint: Thermofusion / Metallic parts  
Application class / Design pressure (bar): 1/10 ; 2/8 ; 4/10 ; 5/6

See annex for more information.

Production site ESENKENT MAH. DUDULLU OSB 2. CADDE ÜMRANIYE  
ISTANBUL (Turkey)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2018-04-12  
Validity date 2023-04-12

Rafael GARCÍA MEIRO  
Chief Executive Officer

Original Electronic Certificate

# AENOR

## AENOR Product Certificate Plastics

001/006823

### Annex to Certificate

SYSTEM DESCRIPTION    Trademark: KAS  
Type of joint: Thermofusion / Metallic parts  
Application class / Design pressure (bar): 1/10 ; 2/8 ; 4/10 ; 5/6

SYSTEM COMPONENT	DIAMETERS (mm)	MATERIAL	REFERENCES
Pipes (AENOR certificate N° 001/006785)	16 - 20 - 25 - 32	Polypropilene (PP-R)	---
Elbow 45°	20 - 25 - 32	Polypropilene (PP-R)	94.14.OXX
Elbow 90°	20 - 25 - 32	Polypropilene (PP-R)	94.13.OXX
End cap	20 - 25 - 32	Polypropilene (PP-R)	94.18.OXX
Equal tee	20 - 25 - 32	Polypropilene (PP-R)	94.15.OXX
Female tee	20	Polypropilene (PP-R)	94.26.OXX
Male elbow 90°	20	Polypropilene (PP-R)	94.25.OXX
Reduced tee	25x20x20 ; 25x20x25 ; 32x20x20 ; 32x20x32 ; 32x25x20 ; 32x25x25 ; 32x25x32	Polypropilene (PP-R)	94.16.OXX
Reducer	25x20 ; 32x20 ; 32x25	Polypropilene (PP-R)	94.19.OXX
Socket	20 - 25 - 32	Polypropilene (PP-R)	94.17.OXX

First issued on    2018-04-12  
Validity date      2023-04-12

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.  
Génova, 6. 28004 Madrid. España  
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 01/C-PR002.001

**AVIZ SANITAR**  
**PENTRU PRODUSELE ALIMENTARE ȘI NEALIMENTARE Nr. P-17044/2023**  
*Санитарное заключение для пищевых и непищевых продуктов*  
**din/от 21 aprilie 2023**

Prin prezentul aviz sanitar se confirmă că producerea, importul, utilizarea și desfacerea produselor / echipamentelor  
*Настоящим санитарным заключением подтверждается что производство, ввоз, использование и реализация продукции / оборудования*  
Teț și fitinguri din PP (polipropilenă)

sunt conforme Regulamentului (lor) sanitar (e) / соответствуют санитарному (ым) регламенту (ам) (se va indica denumirea completă a  
Regulamentului (lor) sanitar (e) / указать полное наименование санитарного (ых) регламента (ов))

SF 15787827-001:2020, HG nr.913 din 25.07.2016 Reglementări tehnice cu privire la cerințele minime pentru  
comercializarea produsele pentru construcții, HG nr.278 din 24.04.2013

**Organizația-producătoare/importatoare, țara de origine / организация произв./импортер, страна происхождения**

UNIPLAST S.R.L., Republica Moldova, mun. Chișinău, sec. Botanica, str. Pădurii, 6/2

**Destinatarul avizului sanitar / получатель санитарного заключения**

UNIPLAST S.R.L., Republica Moldova, mun. Chișinău, sec. Botanica, str. Pădurii, 6/2

**Temei pentru recunoașterea conformității produselor Regulamentului (lor) sanitar (e) menționat (e) a servit /**

*Основанием для признания продукции указанному (ым) санитарному (ым) регламенту (ам) послужило*

Demers, SF 15787827-001:2020, raport de încercări nr. 51007352 din 21.04.2023

(a enumera documentele de însoțire, buletinele de analiză / перечислить сопроводительные док., протоколы исслед.)

**Caracteristica sanitară a produselor / санитарная характеристика продукции:**

**Parametrii (factorii) / показатели (факторы)**

**Normativul sanitar / санитарный норматив**

conform rapoartelor încercărilor de laborator nr. 51007352 din 21.04.2023

**Domeniu de utilizare / Область применения:**

plasarea pe montarea sistemelor de canalizare /пиаță în condițiile respectării legislației în vigoare în Republica Moldova

**Condițiile necesare de utilizare, depozitare, transportare, măsurile de securitate / Необходимые условия использования, хранения,  
транспортировки, меры безопасности:**

plasarea pe piață în condițiile respectării legislației în vigoare în Republica Moldova

AVIZUL SANITAR este valabil pînă la / Санитарное заключение действительно до: 30.04.2026

DIRECTORUL AGENȚIEI NAȚIONALE PENTRU SĂNĂTATE PUBLICĂ

Date: 2023.04.21 13:29:21 EEST  
Reason: MoldSign Signature  
Location: Moldova



Nicolae Jelamschi





IGM TRAJD Ilija i dr. D.O.O.

Profile and Pipe factory  
 Industrijska, 2  
 1430, KAVADARCI  
 R. N. MACEDONIA

Certifikat / Certificate 2.2  
 Izdatna Broj / Order No.  
 74290

EN 10204:2004  
 Kupovac / Buyer  
 BPM-TRADE SRL  
 Str. Uzinelor 78, CHISINAU, MOLDOVA

EN 10204:2004  
 Reprezentivni Broj / Ref. No.  
 EN10219

Испитна Број / Delivery No.  
 1181 - 63  
 Declaration of Performance No.  
 01 CPR 2021 - 06 - 07  
 Технички подрачување / Technical requirements  
 EN10219

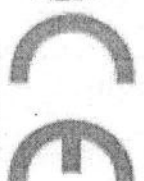
Organ Marking	Измерни (mm) Dimensions (mm)	Lot	Исп. Pes	Техниш Weight [kg]	Материјал Material	Испитна Heat No.	Хемиски состав Chemical composition [%]											Механички својства Mechanical Properties				
							C	Si	Mn	P	S	Al	N	Cr	Ti	Ni	Reh	Rm	A	Ckv		
Square Pipes	100x100x5x12000	1	16	2740,0	S235JRH	131011	12,6	1,8	66,8	18,5	28,3	33,8	15,2	0,6	11,6	259	407	32,18	0,248			
Square Pipes	100x100x5x12000	1	16	2740,0	S235JRH	623283-9	13,8	2,4	37,4	21,1	7	21,6	10,7	0,6	9,8	245	380	28,48	0,209			
Square Pipes	100x100x5x12000	1	16	2780,0	S235JRH	713345	10,6	1,9	25,9	17,7	19,9	35,1	29	0,3	11,5	268	375	34,74	0,163			
Square Pipes	100x100x6x12000	1	16	3290,0	S235JRH	713441	10,8	2	59,7	23,8	32,4	21,6	15,2	0,4	5,2	260	399	26,44	0,214			
Square Pipes	100x100x6x12000	1	16	3290,0	S235JRH	713441-9	12,8	1,4	23,9	15,1	25,7	44,3	29,7	0,3	18,9	248	368	25,51	0,186			
Rectangular Pipes	100x20x2x6600	1	66	1240,0	S235JRH	23144615	15,3	1,1	48,7	13,7	8,6	24	11,8	0,5	16,8	269	380	28,29	0,247			
Rectangular Pipes	100x50x4x12000	1	24	2690,0	S235JRH	23153489	9,3	2,1	47,1	22,9	34,6	42,6	21,6	0,8	3,6	267	385	25,75	0,178			
Square Pipes	100x100x5x12000	1	12	1940,0	S235JRH	23149955	15,8	1,5	54,8	15,2	6	25	17,3	0,4	13,6	254	414	30,79	0,262			
Square Pipes	100x100x6x12000	1	16	3290,0	S235JRH	2312003673	16,4	1,8	49,8	13,5	31,4	26,7	26,7	0,8	4,4	243	398	28,16	0,255			
<b>Вкупно / Total</b>				<b>9</b>	<b>192</b>	<b>24000,0</b>																

\* The goods are manufactured in: "IGM TRADE" Karadaraci, R. Macedonia  
 \* IGM Trade D.O.O confirms that it does not import Russian raw materials for its production.

Date: 21.2.2024  
 KAVADARCI, R. N. MACEDONIA

With this certificate 'IGM TRAJD Ilija i dr. D.O.O.' confirms that the tubes mentioned above meets the requests of the standard and quality declared in this document.

Сектор за Контрола на Квалитет  
 Quality Control Department



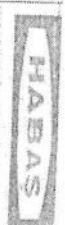
<b>Manufacturer:</b> BAS STEEL PROFILE SRL F/C:10196603000893 c.TVA:10196603000893 or.Taradila, str. Vocealnaia 28 rep. Moldova			<b>MILL'S TEST CERTIFICATE</b> (ACC.TO EN10204 / 3.1) No. 2311 Date: 05.07.2024			<b>Product description</b> Welded cold sized tubes STEEL Grade Direct welded Package wrapped with 6 straps through the side 100% NDT on the weld seam. NDT on the weld seam acc. EN ISO Plain ends, straight cut from mill		
<b>Customer:</b> BPM -TRADE SRL mun. Chişinău, sec. Ciocana, str. Uzineilor, 78			A01 A02 A03 A10			B03-B06 B12 B08 B13		
<b>Contract No. A07</b> <b>Specification №</b> <b>Order No.</b> <b>Destination</b>			EN 10219-1/2 S235JRH			EN 10219-1/2 S235JRH CE ISO 9001 2174		

Nr.crt.	B07		B01-B02		B09		B10		B11		B08		B12		B13	
	Nr. Bundles	Heat	Product	Dimension(mm)	Thickness	Length(mm)	Deviation	Bundles	Pieces	Netto Weight (Kg)	Brutto weight, kg	Meters				
1	11744	813399	S235JRH EN 20129-1/2	50 X 30 X 2		6 000	+50/-0	1	66	813	396					
2	6820	713663	S235JRH EN 10025-2-19	50 X 30 X 2		6 000	+50/-0	1	80	1 075	480					
3	6835	713663	S235JRH EN 20129-1/2	50 X 30 X 2		6 000	+50/-0	1	80	1 055	480					
4	7383	1214093	S235JRH EN 20129-1/2	50 X 30 X 2		6 000	+50/-0	1	80	1 080	480					
5	7380	1214093	S235JRH EN 20129-1/2	50 X 30 X 2		6 000	+50/-0	1	80	1 055	480					
6	10161	724187-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 158	294					
7	1554	723523-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 183	294					
8	1553	723523-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 190	294					
9	10143	724188-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 153	294					
10	10142	724188-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 168	294					
11	10141	613540	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 173	294					
12	10139	613540	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 177	294					
13	10116	613540	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 160	294					
14	10111	140280-9	S235JRH EN 20129-1/2	50 x 50 x 3		6 000	+50/-0	1	49	1 175	294					
15	11917	813078	S235JRH EN 20129-1/2	60 x 60 x 3		6 000	+50/-0	1	42	1 210	252					
16	11925	813078	S235JRH EN 20129-1/2	60 x 60 x 3		6 000	+50/-0	1	42	1 210	252					
17	11953	513556	S235JRH EN 20129-1/2	60 x 60 x 3		6 000	+50/-0	1	42	1 215	252					
18	11952	513556	S235JRH EN 20129-1/2	60 x 60 x 3		6 000	+50/-0	1	42	1 205	252					
19	20411	141444	S235JRH EN 20129-1/2	50x 50 x 4.0		6 000	+50/-0	1	49	1 528	294					
20	20395	141444	S235JRH EN 20129-1/2	50x 50 x 4.0		6 000	+50/-0	1	49	1 553	294					
21	20397	141444	S235JRH EN 20129-1/2	50x 50 x 4.0		6 000	+50/-0	1	49	1 535	294					

**«BAS STEEL PROFILE» S.R.L.**  
**OTK**







HABAS SRI LANKA (PUBLIK) LTD  
 115, SOUTH BRIDGE ROAD, SINGAPORE 059702  
 TEL: 65-434-1111 FAX: 65-434-1112  
 www.habas.com

ORDER NO  
 TEST CERTIFICATE  
 TEST NO

ORDER NO  
 4431

DATE  
 18/09/2011

TEST NO  
 4431

LABORATORY  
 HABAS SRI LANKA

STANDARD NO

22-S338  
 22-S335  
 22-S336

1200276

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ITEM NO	ITEM NAME	UNIT	VALUE	UNIT	VALUE	UNIT	VALUE	UNIT	VALUE	UNIT	VALUE
1	Fe	%	92.12	%	92.12	%	92.12	%	92.12	%	92.12
2	C	%	0.43	%	0.43	%	0.43	%	0.43	%	0.43
3	Mn	%	0.21	%	0.21	%	0.21	%	0.21	%	0.21
4	P	%	0.02	%	0.02	%	0.02	%	0.02	%	0.02
5	S	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
6	Si	%	0.28	%	0.28	%	0.28	%	0.28	%	0.28
7	Al	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
8	Cr	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
9	Ni	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
10	Cu	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
11	Mo	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
12	W	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
13	B	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
14	As	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
15	Se	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
16	Te	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
17	Pb	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
18	Sb	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
19	Zn	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
20	Ag	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
21	Cd	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
22	Hg	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
23	Bi	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
24	Th	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
25	U	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
26	Pa	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
27	Ac	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
28	Th	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
29	Pa	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
30	U	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
31	Np	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
32	Pu	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
33	Am	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
34	Cm	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
35	Bk	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
36	Cf	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
37	Es	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
38	Fm	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
39	Md	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
40	Ds	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
41	Rg	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
42	Hs	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
43	Mt	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
44	Uu	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
45	Uub	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
46	Uuc	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
47	Uud	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
48	Uue	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
49	Uuq	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
50	Uur	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
51	Uus	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
52	Uut	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
53	Uuq	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
54	Uur	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
55	Uus	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
56	Uut	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
57	Uuq	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
58	Uur	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
59	Uus	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01
60	Uut	%	0.01	%	0.01	%	0.01	%	0.01	%	0.01

QUALITY ASSURANCE  
 ANALYSIS  
 TESTING  
 METALS  
 CHEMISTRY  
 PHYSICS

TESTER  
 TESTER

LABORATORY  
 HABAS SRI LANKA

DATE  
 18/09/2011

TIME  
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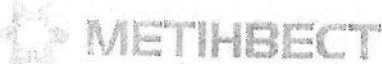
LABORATORY  
 HABAS SRI LANKA

DATE  
 18/09/2011

TIME  
 10:30



Країна плавки та операції з переробки: Україна / Name of the country of melting and processing operations: Ukraine  
 Назва підприємства плавки та проведення операції з обробки: ПРИВАТНЕ АКЦІОНЕРНЕ ТОВАРИСТВО "КАМЕТ-СТАЛЬ"  
 Name of the facility of melting and processing operations: PRIVATE JOINT STOCK COMPANY "KAMET-STEEL"



СЕРТИФІКАТ ЯКОСТІ  
 QUALITY CERTIFICATE  
 № 3488 от / DATE 20.09.2023

Місцевий офіс: Україна, 51925 Дніпропетровська обл., Кам'янське, вул. Соборна, 15Б.  
 Ідентифікаційний код: 05293385. ПІВ: 05330204637.  
 IBAN UA93334851000000002600330295 в АТ "ІВАНС"  
 Тел: (0569) 58-01-49. E-mail: office.kamet-steel@metinvestholding.com

Legal address: Ukraine, 51925 Dnipropetrovsk Oblast, Kam'ianske, Soborna str. 15B.  
 Identification code: 05293385. Tax number: 05330204637.  
 IBAN UA93334851000000002600330295 JSC "KAMET"  
 Tel: (0569) 58-01-49. E-mail: office.kamet-steel@metinvestholding.com

Від свідчення про випробування / EN 10204-3.1:2004  
 Type of inspection document

Виробник системи менеджменту якості відповідає вимогам стандарту ISO 9001:2015 при виробництві та реалізації металургійної продукції підтверджено відповідно з сертифікації TÜV AUSTRIA GMBH, Deutschstraße 10, A-1230, Wien, www.tuv.at. Сертифікат № 20100223015115 від 18.08.2023 / The compliance of the Quality Management System with the requirements of EN ISO 9001:2015 for production and sales of steel products has been confirmed by the certification body TÜV AUSTRIA GMBH, Deutschstraße 10, A-1230, Wien, www.tuv.at. Certificate No. 20100223015115 dated 18.08.2023

Замовник / Customer: ТОВ «МЕТІНВЕСТ-СМЦ» / ТОВ «МЕТІНВЕСТ-СМЦ»  
 Заводське замовлення № / Production order: 4501637564  
 Замовлення № / Order №: 229012-8095  
 Договір, контракт № / Contract: 1559754/09/21-К/21/М-102 від / date 01.09.2021  
 Специфікація № / Specification №: 643

№ транспортного засобу / RW-car: 61167961  
 № лота / Lot

Найменування продукції: / Description of goods: Кутики рівнополічні 75x75x5

НД на марку сталі / ND for steel grade: ДСТУ 2651:2005/ГОСТ 380-2005/DSTU 2651:2005/GOST 380-2005

НД на продукцію / standards and technical documentation for products: ДСТУ 2251:2018/DSTU 2251:2018

НД / Standard: ДСТУ 4484:2005/ГОСТ 535-2005/DSTU 4484:2005/GOST 535-2005

Маркування / Marking  
 Клеймо / Hard stamp

Плавка № / Heat	№ Партії прокату / Lot №	Марка сталі / Steel grade	Ширина полиці 1 / Width, mm	Довжина, мм / length, mm	Ширина полиці 2 / Width, mm	Товщина полиці / Thickness, mm	Кількість товару шт. / Quantity of goods	УКТ ЗЕД / Taric code	Вага нетто, т / Mass net	Маса бруцто, т / Mass gross
322986	1401	Ст3пс	75	12 000	75	5,0	7	721650	31,946	32,086
Всього за сертифікатом/In total under the certificate							7		31,946	32,086

Видплавка: Steelmaking process Конвертерний/Basic oxygen



**СЕРТИФІКАТ ЯКОСТІ**  
**QUALITY CERTIFICATE**  
 № 3488 от / DATE 20.09.2023

Масова частка хімічних елементів по плавковому аналізу конічної проби, % / Mass fraction of chemical elements according to melting analysis of a bucket sample, %

Плавка № / Heat	C	Mn	Si	S	P	Cr	Ni	Cu	Ti	Al	As	N	Mo	V	Nb	B	Sn	Cuq
322986	0,17	0,45	0,15	0,003	0,01	0,04	0,04	0,07	0	0,003	0,002	0,008	0,005	0,001	0	0	0,005	0,26

№ Партії прокату / Lot №	Тимчасовий опір розриву, Н/мм <sup>2</sup> / Tensile, N/mm <sup>2</sup>	Мала тимчасова сила, Н/мм <sup>2</sup> / Yield strength lower, N/mm <sup>2</sup>	Відносне подовження, % / Relative elongation (A, %)	Безгин / Bend	Удари в ударній ККУ Дж/см <sup>2</sup> / Average impact value KCU, J/cm <sup>2</sup>	Температура випробувань ККУ, °С / temperature KCU, °C	Вибуктова в'язкість після мехстаріння, Дж/см <sup>2</sup> / Mechanical aging, J/cm <sup>2</sup>
1401	460	313	35,5	Уд.	109/ 119/ 119/ 123	-20,0	100/ 100/ 100/ 105

Продукція вироблена в Україні, без використання російської сировини / The product is produced in Ukraine without using russian raw materials.

Категорія Б



№ документа / Certificate No.	№ партії / Lot No.	Вид / Type	Дата / Date	Місце / Place
№ документа / Certificate No.	№ партії / Lot No.	Вид / Type	Дата / Date	Місце / Place

## Air Handling Unit / Centrales de traitement d'air

Range Name / Nom de Gamme :  
**GreenStr**

Granted on April 26, 2019 - Date 1ère admission 26 avril 2019

This document is valid at the date of issue - Check the current validity on:  
Document valable à la date d'émission - Vérifier la validité en cours sur :  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

### Participant/Titulaire

Vent-Service LLC  
230 office, 95 (A2) Vidradnyi Avenue  
03061 Kyiv, Ukraine

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:

**ECP AHU - « Air Handling Unit » in force at established date.**

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark ECP shall be granted to the beneficiary company for the above Range in the conditions defined by the certification program mentioned.

Unless withdrawn or suspended, this certificate remains valid as long as the requirements for the certification program framework are met. The validity of the certificate is to be verified on [www.eurovent-certification.com](http://www.eurovent-certification.com)

THIS CERTIFICATE HAS BEEN ISSUED ON 26/06/2024  
THIS CERTIFICATE IS VALID UNTIL 30/09/2024

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel :

**ECP AHU – « Centrales de traitement d'air » en vigueur à date d'édition.**

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque ECP, est accordé à la société qui en est bénéficiaire pour la gamme visée ci-dessus, dans les conditions définies par le programme de certification mentionné.

Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du référentiel du programme de certification sont respectées. La validité du certificat est à vérifier sur le site Internet [www.eurovent-certification.com](http://www.eurovent-certification.com)

CE CERTIFICAT A ÉTÉ EMIS LE 26/06/2024  
CE CERTIFICAT EST VALIDE JUSQU'AU 30/09/2024

Paris, 26 juin 2024

## Appendix / Annexe

Granted on April 26, 2019 - *Date 1ère admission 26 avril 2019*

This document is valid at the date of issue - Check the current validity on:

*Document valable à la date d'émission - Vérifier la validité en cours sur :*

[www.eurovent-certification.com](http://www.eurovent-certification.com)

List of certified products and characteristics is displayed on:

*La liste des références et caractéristiques certifiées est disponible sur le site :*

[www.eurovent-certification.com](http://www.eurovent-certification.com)

This product performance certificate is valid for the following trade names:

*Ce certificat de performance produit est valide pour les marques commerciales suivantes:*

Trade Name / Marque Commerciale

AeroStar  
AeroStar-CrossStar  
AeroStar-GreenStr

This product performance certificate is valid for the following manufacturing places:

*Ce certificat de performance produit est valide pour les sites de production suivants:*

Manufacturing Place / Site de Production

Kyiv, Ukraine

This product performance certificate is valid for the following software:

*Ce certificat de performance produit est valide pour les logiciels de sélection suivants:*

Software / Logiciel de sélection

Aeroselect selection software version 2.0.2.24 (19-12-2023)