

Combinatie lavoar-wc antivandalism SLWN 18PP, 18LP, 18ZPP, 18ZPL



SLWN 18PP

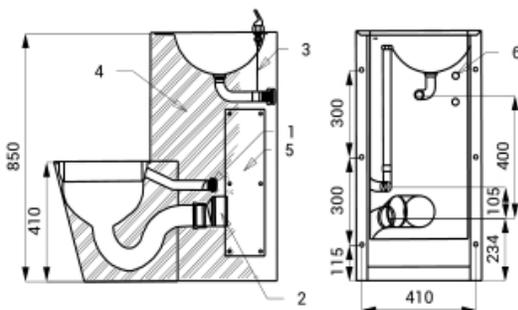
Caracteristici



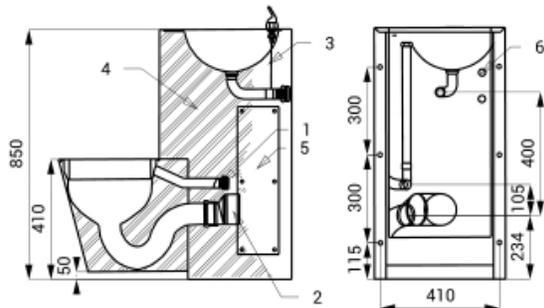
- antivandal
- destinat în special închisorilor
- combinație de vas WC, lavoar, baterie lavoar și locaș pentru hârtie igienică
- buton piezo pentru lavoar
- buton piezo spălare WC
- SLWN 18PP - vas wc stativ pe dreapta
- SLWN 18LP - vas wc stativ pe stânga
- SLWN 18ZPP - vas wc suspendat pe dreapta
- SLWN 18ZLP - vas wc suspendat pe stânga
- umplut cu spumă din poliuretan (pentru evitarea zgomotelor specifice de metal)
- montaj prin ușa de service
- reacționează la atingerea ușoară a butoanelor piezo
- la baterie apa curge pentru un interval stabilit 2 - 62 sec, standard reglat la 10 sec, la toaletă se declanșează spălarea pentru un interval de 0,5 - 15,5 sec, standard reglat la 8 sec)
- apa se poate opri prin a doua atingere a butonului
- spălare automată de igienizare după fiecare 8 utilizări și după 24 ore de neutilizare
- posibilitate de reglare a parametrilor cu telecomanda SLD 04
- material AISI - 304
- finisaj periat

Dimensiuni

SLWN 18PP/LP



SLWN 18ZPP/ZLP



Specificații tehnice

Tensiune de operare	24 V DC
Putere	14 W
Presiune apă	0,15 - 0,6 MPa
Debit	70 l/min. la o presiune de 0,15 MPa (dată inf.)
Alimentare apă	ø min. 32 mm (PN 16) filet ext. G 1"

- 1 - alimentare apă WC
- 2 - racord scurgere (Ø 100 mm) (se comandă separat)
- 3 - alimentare apă
- 4 - umplut cu spumă din poliuretan
- 5 - ușă service
- 6 - buton piezo

Vase WC din oțel inoxidabil

Baterii de duș cu buton piezo SLS 01P, SLS 01NP

SANELA 
we make water cool®



SLS 01P



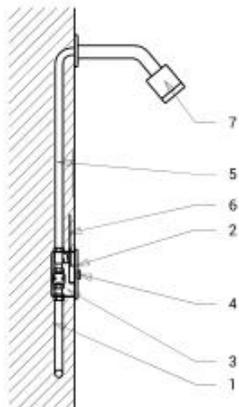
SLS 01NP

Caracteristici



- spălare automată de igienizare
- antivandal
- pentru apă rece sau premixată
- apa începe să curgă după atingerea ușoară a butonului piezo
- apa va curge de la 10 sec. la 310 sec., standard este setat la 120 sec
- apa se poate opri prin a doua atingere a butonului
- monitorizarea capacității bateriei (la modelele cu index B)
- posibilitate de reglare a parametrilor cu telecomanda SLD 04

Schemă de montaj



- 1 - alimentare apă
- 2 - capac din oțel inox cu electronică
- 3 - cutie de montaj
- 4 - buton piezo
- 5 - țevă inox
- 6 - alimentare curent
- 7 - rozetă duș (se comandă separat)

Specificații tehnice

Dimensiuni capac inox	170 x 170 x 10 mm
Dimensiuni cutie de montaj	140 x 140 x 75 mm
Tensiune de operare	
• SLS 01P, 01NP	24 V DC
• SLS 01PB, SLS 01NPB	6 V
Putere	
• la 24 V DC	7 W
• la tensiune de 6 V	3 W
Durata de viață a bateriei	
• 4 buc. baterii alcaline AA 1,5 V, 2700 mAh	aprox. 2 ani (100 utilizări/zii)
Presiune apă	0,1 - 0,6 MPa
Debit	12 l/min. (dată inf.)
Alimentare apă	filet ext. G 3/4"
Ieșire apă	filet ext. G 3/4"



SLA 13

06130

Rozetă de duș antivandalism
jet reglabil

- racord 1/2"
- debit 18,5 l/min (0,1 MPa)
- aeratoarele economice 6 l/min, 12 l/min fac parte din livrarea



SLA 14

06140

Rozetă de duș antivandalism

- racord 1/2"
- debit 20 l/min (0,1 MPa)
- aeratoarele economice 6 l/min, 12 l/min fac parte din livrarea



EC DECLARATION OF CONFORMITY

NUMBER: 2/14

Issued in compliance with § 13, Act No. 22/97 Coll. as amended

We, SANELA spol. s r.o., Dukelských hrdinů 989, 563 01 Lanškroun, Česká republika

declare on our exclusive responsibility that

Product: Automatically controlled fixtures

Type series: SLU... – for wash basins SLS... – for showers
SLP... – for urinals SLW... – for toilets

Manufacturer: Sanela spol. s r.o., Dukelských hrdinů 989, 563 01 Lanškroun,
Česká republika

Intended use: Terminal fixtures of house water plumbing

comply with the following standards:

Czech standards	European standards
ČSN EN 61326:1998, art. 7.2, table 4	EN 61326 including amendments
ČSN EN 61326-1:2006, table 1	EN 61326-1 including amendments
ČSN EN 61326-2-3:2007	EN 61326-2-3 including amendments
ČSN EN 61326-1:2013	EN 61326-1:2013 including amendments
ČSN EN 61326-2-3:2013	EN 61326-2-3:2013 including amendments

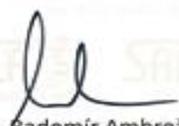
and the following statutory orders:

NV 116/2006 Coll.	2004/108/ES - including amendments
NV 481/2012 Coll.	2011/65/EC - including amendments

Last two digits of the year when CE mark was placed on the product: 03

Place of issue: Lanškroun

Date of issue: 1.4.2014


Ing. Radomír Ambrož
Managing Director



DECLARATION OF CONFORMITY

Issued in compliance with § 13, Act No. 22/97 Coll. as amended

We, SANELA spol. s r. o. Dukelských hrdinů 989, 563 01 Lanškroun, Czech Republic declare on our exclusive responsibility that

Product: Stainless steel sanitary products

Type series: SLUN... - for stainless wash basins SLSN... - for stainless showers
SLPN... - for stainless urinals SLWN... - for stainless toilets
SLZN... - for stainless steel accessories
SLVN... - for stainless cleaners sinks

Manufacturer: SANELA spol. s r. o., Dukelských hrdinů 989, 563 01 Lanškroun
Czech Republic

Intended use: Terminal fixtures of house water plumbing

comply with the following standards:

ČSN EN 14688	EN 14688	including amendments
ČSN EN 13407	EN 13407	including amendments
ČSN EN 80	EN 80	including amendments
ČSN EN 13310	EN 13310	including amendments
ČSN 724841		
ČSN EN 997	EN 997	including amendments
ČSN 72 4841		

and the following statutory orders:

NV 163/2002 Coll. in the wording of NV no. 312/2005 Coll.	
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The manufacturer declares that product characteristics meet essential requirements of NV 163/2002 in the wording of NV no. 312/2005 Coll., the product is safe and the manufacturer adopted all measures ensuring conformity of the products placed on the market with technical documents and the essential requirements.

Conformity evaluated by:

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p., Accredited Testing Laboratory,

Notified body, the certifying authority, the inspection body.

Testing laboratory 0300 - Plzeň, Zahradní 15, 326 00 Plzeň. Conformity assessment carried out on the basis of the test.

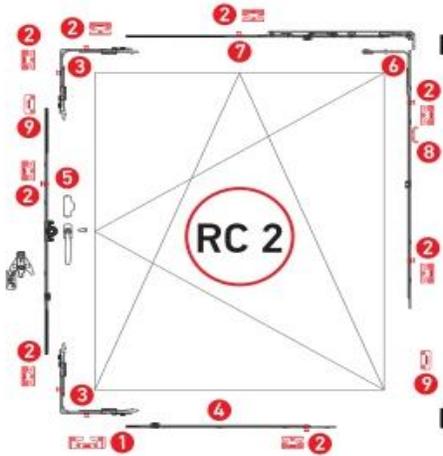
Place of issue: Lanškroun

Date of issue: 1.6.2013


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IČO 2520444
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fax. +420 350 778
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Ing. Radomír Ambroz
Managing Director

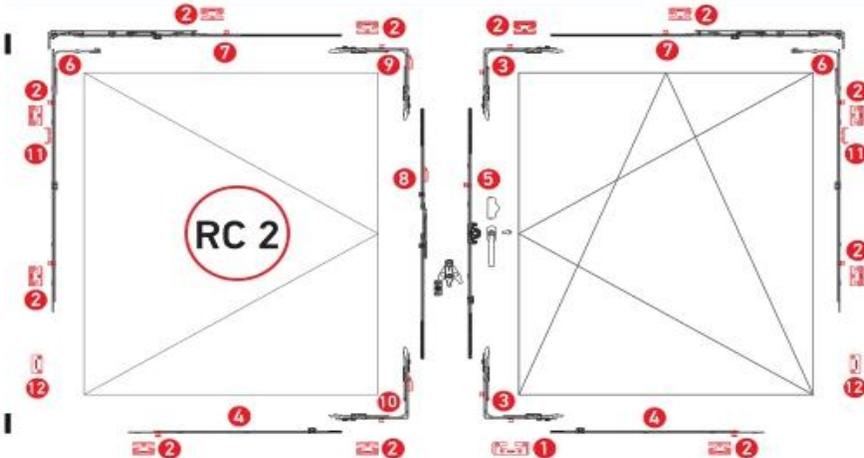
Стандартизированная безопасность EN 1627 – 1630

Все компоненты, относящиеся к безопасности, отмечены **красным!**



- 1** 1 устойчивая к взлому запорно-откидная пластина;
- 2** 8 устойчивых к взлому запорных пластин;
- 3** 2 угловые передачи с 2-мя противовзломными цапфами;
- 4** 1 удлинитель угловой передачи с противовзломной цапфой;
- 5** 1 Поворотно-откидной привод с противовзломной цапфой(ми);
- 6** 1 средний запор с противовзломной цапфой(ми);
- 7** 1 ножничный кронштейн с противовзломной цапфой.
- 8** 1 анти-подъемное устройство;
- 9** 2 анти-сдвижных элемента

Количество запорных пластин, в том числе противовзломных зависит от размера окна!



- 1** 1 устойчивая к взлому запорно-откидная пластина;
- 2** 11 устойчивых к взлому запорных пластин;
- 3** 2 угловые передачи с 2-мя противовзломными цапфами;
- 4** 2 удлинителя угловой передачи с противовзломной цапфой;
- 5** 1 Поворотно-откидной привод с противовзломной цапфой(ми);
- 6** 2 средних запора с противовзломной цапфой(ми);
- 7** 2 ножничных кронштейна с противовзломной цапфой.
- 8** 1 шульповый привод с противовзломной запорной пластиной;
- 9** 1 верхняя угловая передача с противовзломной запорной пластиной для шульповой створки;
- 10** 1 нижняя угловая передача с противовзломной запорной пластиной для шульповой створки.
- 11** 2 анти-подъемных устройства;
- 12** 2 анти-сдвижных элемента



ift-KONFORMITÄTSZERTIFIKAT

ift-CERTIFICATE OF CONFORMITY



Beschläge / Hardware

Produktfamilien <i>product families</i>	Dreh- und Drehkippsbeschläge für Fenster und Fenstertüren <i>turn and tilt-turn hardware for windows and casement doors</i>
Produkt <i>product</i>	AXOR K3, AXOR S PLUS
Einsatzbereich <i>field of application</i>	Systeme mit entsprechender Beschlagaufnahme <i>systems with suitable hardware groove</i>
max. Flügelgewicht <i>max. casement weight</i>	130 kg
Hersteller <i>manufacturer</i>	AXOR Industry 1, Sobinova Str., UA 49083 Dnepropetrovsk
Produktionsstandort <i>production site</i>	AXOR Industry 1, Sobinova Str., UA 49083 Dnepropetrovsk



Mit diesem Zertifikat wird bescheinigt, dass die benannten Beschläge den Anforderungen des ift-Zertifizierungsprogramms für Beschläge (QM328:2014-5) entsprechen.

Grundlagen sind durch das Prüflabor erstellte Produktfamilien der aufgeführten Beschläge, Prüfung durch das Prüflabor nach EN 13126:2006 und EN 1191:2012 unter Berücksichtigung der Anwendungsdiagramme, eine werkseigene Produktionskontrolle des Herstellers und eine Fremdüberwachung der Fertigung durch die Überwachungsstelle in den benannten Standorten. Das Zertifikat ist nur in Verbindung mit dem dazugehörigen Überwachungsvertrag gültig.

Die Gültigkeitsdauer des Zertifikates beträgt 5 Jahre. Mit der Erteilung des Zertifikates ist eine regelmäßige Fremdüberwachung des Herstellers verbunden.

Das Zertifikat darf nur unverändert vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Zertifizierung sind dem ift-Q-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

Das Unternehmen ist berechtigt, die Beschläge gemäß der ift-Zeichensatzung mit dem „ift-zertifiziert“-Zeichen zu kennzeichnen.

Dieses Zertifikat enthält 2 Anlagen:

- 1: Übersicht der Produktfamilien
- 2: Austauschbarkeit nach EN 14351-1

The present certificate attests that the hardware mentioned fulfils the requirements of the ift-certification scheme for hardware (QM328:2014-5).

Basis of the certificate are the product families of the hardware listed that have been compiled by the test laboratory, tests performed by the test laboratory as per EN 13126-8:2006 and EN 1191:2012 based on the application diagrams, factory production control by the manufacturer and third-party surveillance audits of the production by the surveillance bodies at the sites mentioned. The certificate is valid only in conjunction with the corresponding surveillance contract.

The certificate is valid for a period of 5 years. Award of the certificate is subject to regular third-party surveillance of the manufacturer.

The reproduction of the certificate without any change whatsoever from the original, is permitted. Any changes to the prerequisites applicable to certification shall be immediately communicated in writing to ift-Q-Zert accompanied by the necessary evidence.

The company is authorised to affix the "ift-certified"-mark to the hardware according to the ift rules for use of the "ift-certified"-mark.

This Certificate contains 2 Annexes:

- 1: List of product families
- 2: Interchangeability as per EN 14351-1



EN 1191
EN 12400

Klasse 2

Dauerfunktion

resistance to repeated opening and closing



EN ISO 9227
EN 1670

Klasse 5

Korrosionsschutz

corrosion protection

Rosenheim
03.07.2017

Christian Kehrer
Leiter ift Zertifizierungs- und Überwachungsstelle
Head of ift Certification and Surveillance Body

Ulrich Sieberath
Institutsleiter
Director of Institute

Vertrag-Nr. / Contract No.: 228 9003481

Zertifikat-Nr. / Certificate No.: 228 9003481-1-6

Gültig bis / Valid:

20. Mai 2019

ift Rosenheim GmbH
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Fax +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021



Motor cu lant
ELTRAL K30
ELTRAL K30 Synchro

Instructiuni de montaj si operare



3 Utilizarea adecvata

Motorul cu lant ELTRAL K30 si ELTRAL K30 Synchro este proiectat pentru deschiderea si inchiderea automata doar a ferestrelor cu balamale sus, jos sau laterale, orizontale sau verticale, luminatoare si domuri mici. Orice alta utilizare se considera neadecvata.

Gretsch-Unitas GmbH Baubeschlage nu este raspunzator pentru deteriorarile cauzate de utilizarea neadecvata. In acest caz, garantia se va considera nula.

Toate livrarile se fac pe baza Termenilor si Conditiiilor Generale.

4 Descrierea ELTRAL K30 si ELTRAL K30 Synchro

Motorul cu lant ELTRAL K30 si ELTRAL K30 Synchro este proiectat pentru a se folosi doar in camere uscate cu temperatura ambientala intre -5°C si +65°C.

Poate fi instalat atat orizontal cat si vertical.

Un kit ELTRAL K30 este format din: <ul style="list-style-type: none">• 1x Motor cu lant K30• 1x Cablu de conexiune, lungime 2 m• 1x Sablon de gaurire• 1x Instructiuni de montaj si operare	Un kit ELTRAL K30 Synchro este format din: <ul style="list-style-type: none">• 2x Motor cu lant K30• 2x Cablu de conexiune, lungime 2.5 m• 1x Conector• 1x Sablon de gaurire• 1x Instructiuni de montaj si operare
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Sunt posibile urmatoarele variante:

- montaj pe rama,
- montaj pe cercevea.

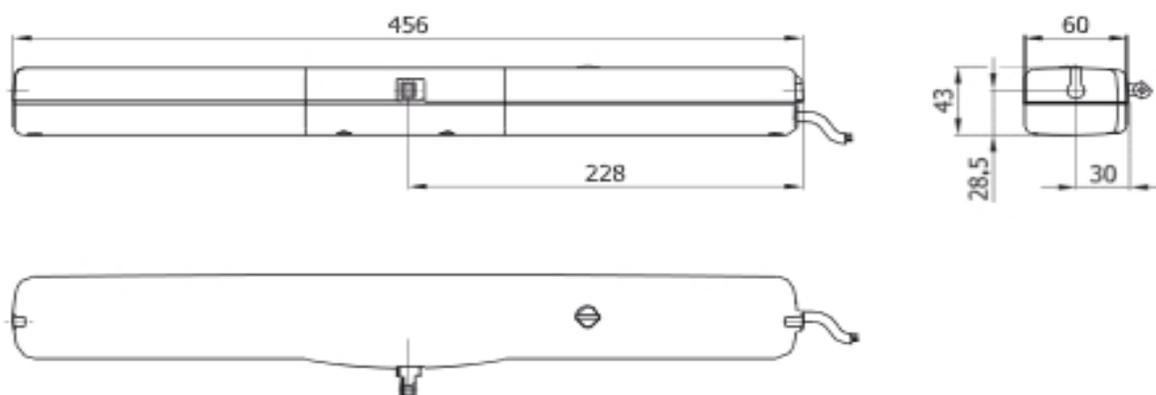
Nota!	Eticheta
	Eticheta este lipita pe motor. Eticheta nu ste vizibila cu motorul instalat.

5 Caracteristici tehnice pentru 1 motor

Model	110 V / 230 V	24 V
Forta de impingere/tragere	max. 300 N	
Cursa de deschidere (adjustabila)	300, 400, 500 mm	
Tensiunea de alimentare	110 V / 230 V~ 50/60 Hz	24 V DC
Consumul de curent	0.16 A	0.91 A
Puterea	~36 W	~20 W
Viteza de impingere	8.9 mm/s	8.9 mm/s
Timp de deschidere fara sarcina (500mm)	56 s	
Izolarea electrica dubla	Da	Tensiune joasa
Rata de utilizare (timp de functionare)	30% (10 min)	
Temperatura ambientala	-5°C pana la +65°C	
Clasa de protectie	IP32	
Conectarea mai multor motoare in paralel	Da (max. 10 bucati)	
Stop la limita de deschidere	Electronic	
Stop la limita de inchidere	Electronic cu controlul puterii	
Cablul de conexiune	aprox. 2 m (Synchro aprox. 2.5 m)	
	Alimentare sincronizare	3x 0.5 mm ² 2x 0.5 mm ²
	semnal VAN	-
Nr. max. de motoare pe 1 comutator (10 A)	10 buc	
Dimensiuni inaltime x adancime x latime	43 x 60 x 456 mm	
Greutate	aprox. 1.34 kg	aprox. 1.55 kg

Caracteristicile din acest tabel pot fi supuse modificarilor fara aviz prealabil.

Dimensiuni



ift-KONFORMITÄTSZERTIFIKAT ift-CERTIFICATE OF CONFORMITY



Beschichtetes Glas / coated glass

Produkt <i>product</i>	SILVERSTAR ENplus
Einsatzbereich <i>field of application</i>	Beschichtetes Basisglas zum Wärme- und Sonnenschutz <i>coated glass products for thermal and solar protection</i>
Hersteller <i>manufacturer</i>	Euroglas Polska Sp.z.o.o. Osiedle Niewiadew 49, 97-225 Ujazd
Produktionsstandort <i>production site</i>	Euroglas Polska Sp.z.o.o. Osiedle Niewiadew 49, 97-225 Ujazd

Mit diesem Zertifikat wird bescheinigt, dass die benannten Bauprodukte den Anforderungen des ift-Zertifizierungsprogramms für beschichtete Glasprodukte zum Wärme- und Sonnenschutz (QM308 : 2008) entsprechen.

Grundlagen sind eine Prüfung durch das Prüflabor nach DIN EN 1096 : 2002, eine werkeigene Produktionskontrolle des Herstellers, eine Fremdüberwachung der Fertigung durch die Überwachungsstelle in den benannten Standorten sowie jährliche Stichprobenprüfungen im ift-Labor.

Die Gültigkeitsdauer des Zertifikates beträgt 3 Jahre. Mit der Erteilung des Zertifikates ist eine regelmäßige Fremdüberwachung des Herstellers verbunden.

Das Zertifikat darf nur unverändert vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Zertifizierung sind dem ift-Q-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

Das Unternehmen ist berechtigt, die Bauprodukte gemäß der ift-Zeichensatzung mit dem „ift-zertifiziert“-Zeichen zu kennzeichnen.

The present certificate attests that the building product mentioned fulfils the requirements of the ift-certification scheme for coated glass for thermal and solar protection (QM308 : 2008).

Basis are tests performed by the test laboratory as per DIN EN 1096 : 2002, factory production control by the manufacturer, third-party surveillance audits of the production by the surveillance bodies at the plants mentioned and annually test sampling at the ift laboratory.

The certificate is valid for a period of 3 years. Award of the certificate is tied to regular third-party surveillance of the manufacturer.

The reproduction of the certificate without any change whatsoever from the original, is permitted. Any changes to the prerequisites applicable to certification shall be immediately communicated in writing to ift-Q-Zert accompanied by the necessary evidence.

The company is authorised to affix the "ift-certified"-mark to the building product according to the "ift Rules for use of the "ift-certified"-mark.

Emissionsvermögen
emissivity



DIN EN 673

Strahlungsphysikalische Eigenschaften
luminous and solar characteristics

luminous and solar characteristics



DIN EN 410

Rosenheim
05.11.2009

Andreas Matschi
Leiter ift Zertifizierungs- und Überwachungsstelle
Head of ift Certification and Surveillance Body

Vertrag-Nr. / Contract No.: 697 8016728
Prüfbericht-Nr. / test report No.: 697 8016728 vom/of 07.10.09

Zertifikat-Nr. / Certificate No.: 697 8016728-1-1
Gültig bis / Valid: 04.11.2012



ift Rosenheim GmbH
Zertifizierungsstelle
Theodor-Gietl-Str. 7-9
83020 Rosenheim
Germany





Hygiene Ceilings OWAcoustic® sanitas 02

Developed specifically for sensitive areas where hygiene is important, **sanitas 02** provides effective antibacterial and fungicidal resistance to both the decorative and reverse surface of the tile for the life of the ceiling.

Applications

- Hospitals – Wards, minor surgical units, consulting rooms etc.
- Laboratories
- Sterile and hygienic areas

Cleaning

The surface of the tile can be vacuum cleaned using a soft brush attachment and/or cleaned with a damp OWA sponge* without loss of the tiles hygiene properties.

* (tested to 500 cleaning cycles in accordance with the Gardner test)

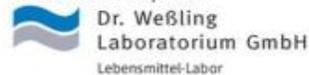
Disinfection

Certificate of Hygiene from the German Association of Hygiene and Microbiology (DGHM) is available on request.



Prof. Dr. R. Mutters
Institute for Medical Microbiology
and Hospital hygiene.
Philipps University Marburg

A report on the behaviour of Sanitas 02 ceiling tiles when subjected to microbiological contamination is available on request.

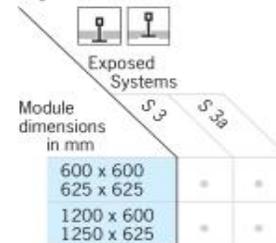


Emissions

OWA mineral wool tiles are low emission building materials and have achieved the German environmental "Blue Angel" classification confirming that they are manufactured from harmless raw materials (certified by RAL GmbH, Sankt Augustin).



Systems



Technical Data

Material	Mineral Wool
Reaction to fire	A2-s1,d0 (EN 13501-1)
Thickness	15 mm nom.
Colour	White
Light reflection	approx. 91 (ISO 7724-2, ISO 7724-3), (Plain 9)
Sound insulation*	35 dB – 49 dB (Plain 9) 31 dB – 49 dB (Constellation 3)
Sound absorption	$\alpha_w = 0.15$ / NRC = 0.15 (Plain 9) $\alpha_w = 0.70$ / NRC = 0.70 (Constellation 3)
Moisture resistance	Up to 95 % RH
Fire resistance*	Up to REI 180 (EN 13501-2)

* Dependant on system, soffit and other project specific factors

Plain 9

Constellation 3



**DECLARAȚIA DE PERFORMANȚĂ
REGULAMENTUL (UE) NR. 305/2011
AL PARLAMENTULUI EUROPEAN ȘI AL CONSILIULUI**

Nr. OWA-00001.1

1. Cod unic de identificare al produsului-tip: **T001-Mineral tiles-A1**
2. Utilizare preconizate: **Plafone suspendate**
3. Fabricant: **OWA Odenwald Faserplattenwerk GmbH
Dr.-F.-A.-Freundt-Straße 3
63916 Amorbach
Germania
Tel.: +49 (0)9373/2010, Email: info@owa.de
Internet: www.owa-ceilings.com**
4. Reprezentant autorizat: **Managing Director MBA Maximilian von Funck
Managing Director Dipl.-Wirtsch.-Ing. Jürgen Theobald
OWA Odenwald Faserplattenwerk GmbH
Dr.-F.-A.-Freundt-Straße 3
63916 Amorbach
Germania
Tel.: +49 (0)9373/2010, Email: info@owa.de
Internet: www.owa-ceilings.com**
5. Sistemul de evaluare și de verificare a constanței performanței: **Sistem 3, Sistem 4**
- 6a. Standard armonizat: **EN 13964:2014**
- Organisme notificate: **NB 0672**

Odenwald Faserplattenwerk GmbH | Dr.-F.-A.-Freundt-Straße 3 | 63916 Amorbach | Germany | tel +49 93 73 . 2 01 - 0 | fax +49 93 73 . 2 01 - 1 30 | info@owa.de
Registered office: 63916 Amorbach | Register court: HRB 131 Aschaffenburg | USt.-IdNr. DE132096747 | Tax number 204/118/81149 | EORI No. DE 2241854
Managing Directors: MBA Maximilian von Funck | Dipl.-Wirtsch.-Ing. Jürgen Theobald | Deputy Managing Director: Norbert Müller

Deutsche Bank Aschaffenburg | BIC: DEUTDEFF795
IBAN: DE11 7957 0051 0023 2355 00

HypoVereinsbank Aschaffenburg | BIC: HYVEDEMM407
IBAN: DE11 7952 0070 0001 6880 30

Sparkasse Miltenberg-Obernburg | BIC: BYLADEM1MIL
IBAN: DE86 7965 0000 0620 3011 01

7. Performanța declarată:

Placi minerale conform cu EN 13964		
Caracteristici esențiale	Performanță	Specificațiile tehnice armonizate
Comportament la foc	A1	EN 13964:2014 EN 13501-1:2007 +A1:2009
Eliberare de asbest	fără conținut	EN 13964:2014
Emisie de formaldehide	E1	EN 13964:2014
Eliberare de și/sau conținut de alte substanțe periculoase	fără emisii	EN 13964:2014
Susceptibilitatea la dezvoltarea microorganismelor ce pot afecta sănătatea (Umiditate, Izolare termică)	nu este stabilită o performanță	EN 13964:2014
Capacitatea de aderență/aderență	nu este stabilită o performanță	EN 13964:2014
Proprietăți de rupere	nu este stabilită o performanță	EN 13964:2014
Rezistența la încovoiere	nu este stabilită o performanță	EN 13964:2014
Absorbție acustică	nu este stabilită o performanță	EN 13964:2014
Conductibilitatea termică	nu este stabilită o performanță	EN 13964:2014
Durabilitate	nu este stabilită o performanță	EN 13964:2014

8. Performanța produsului identificat mai sus este în conformitate cu setul de performanțe declarate. Această declarație de performanță este eliberată în Regulamentul (UE) nr.305/2011, pe răspunderea exclusivă a fabricantului identificat mai sus.

Declarații toate producătorului de energie sunt depozitate pe <http://www.owa-ceilings.com>.

Amorbach, Dec-18



i.V. Dr. Holger Kindermann
 Head of PM/PD // OWAconsult



i.V. André Overbeck
 OWAconsult, Dipl. -Ing. (TU)

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Pardoseli
Declaratie de Performanta
Editia 11.02.2013
Nr. de identificare: 02 08 01 02 007 0 000004
Versiunea nr. 01



EN 1504-2: 2004
EN 13813

08

0921

DECLARATIE DE PERFORMANTA

Sikafloor®-161

EN 13813:2002

1. Tip produs: Cod unic de identificare al produsului-tip:	Sikafloor® -
2. Tipul, lotul, numarul de serie sau orice alt element care permite identificarea produsului pentru constructii (conform articolului 11(4)):	161 , nr. lot - a se vedea ambalajul
3. Utilizarea sau utilizarile prevazute ale produsului pentru constructii , in conformitate cu specificatia tehnica armonizata aplicabila (conform specificatiilor producatorului):	Amorsa epoxidica bicomponenta, mortar de nivelare, strat intermediar si sapa de mortar In conformitate cu standardul EN 13813 SR-B1,5-AR1-IR4 ca sapa din rasina / acoperire pentru interior in cladiri In conformitate cu standardul EN 13813 SR-B1,5
4. Numele, denumirea comerciala sau marca inregistrata si adresa de contact a producatorului (conform articolului 11(5)):	Sikafloor® -
5. Adresa de contact: Dupa caz, numele si adresa de contact a reprezentantului autorizat (al carui mandat acopera atributiile specificate la articolul 12(2) din Regulamentul (UE) nr. 305/2011):	Sika Romania SRL Brasov 500450, Str. Ioan Clopotel nr. 4 Tel: +40 268 406 212 Fax: +40 268 406 213 office.brasov@ro.sika.com www.sika.ro
6. EVCP: Sistemul sau sistemele de evaluare si verificare a constantei performantei (EVCP) produsului pentru constructii, astfel cum este prevazut in regulamentul produselor pentru constructii (RPC), anexa V:	Sistem 4
7. Organism notificat (SAEN): In cazul declaratiei de performanta (DdP) privind un produs pentru constructii acoperit de un standard armonizat:	

Declaratie de Performanta



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Pardoseli

Declaratie de Performanta

Editia 11.02.2013

Nr. de identificare: 02 08 01 02 007 0 000004

Versiunea nr. 01

8. Organism notificat (ETA):

In cazul declaratiei de performanta privind un produs pentru constructii pentru care s-a emis o Evaluare Tehnica Europeana (ETA) :

Nu este relevant (vezi pct. 7)

9. Performanta declarata

Caracteristici esentiale	Performanta ca sapa de rasina / acoperire pentru interior in cladiri	Performante ca amorsa	Test Standard	Specificatie tehnica armonizata
Eliberare de substante corozive (Sapa din rasina sintetica):	SR	NPD	EN 13813	EN 13813
Rezistenta la abraziune:	AR1 ¹⁾	NPD	EN 13892-4	
Rezistenta la smulgere:	B 1,5	B 1,5	EN 13892-8	
Rezistenta la impact:	IR 4	NPD	EN ISO 6272	
Izolare fonica:	NPD	NPD	EN ISO 140-1	
Capacitate fonoabsorbanta:	NPD	NPD	EN ISO 354	
Rezistenta termica:	NPD	NPD	EN 12664	

1) Fara imprastiere cu nisip cuaros.

Declaratie de Performanta



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Pardoseli

Declaratie de Performanta

Editia 11.02.2013

Nr. de identificare: 02 08 01 02 007 0 000004

Versiunea nr. 01

EN 1504-2:2004

1. Tip produs: Cod unic de identificare al produsului-tip:	Sikafloor® -
2. Tipul, lotul, numarul de serie sau orice alt element care permite identificarea produsului pentru constructii (conform articolului 11(4)):	161, nr. lot- a se vedea ambalajul
3. Utilizarea sau utilizările prevazute ale produsului pentru constructii, in conformitate cu specificatia tehnica armonizata aplicabila (conform specificatiilor producatorului):	Amorsa epoxidica bicomponenta pentru suprafete cu absorbtie redusa pana la medie Principiile 1, 2, 5, 6, 8 - metodele 1.3, 2.2, 5.1, 6.1, 8.2 ale standardului EN 1504-2
4. Numele, denumirea comerciala sau marca inregistrata si adresa de contact a producatorului (conform articolului 11(5)):	Sikafloor® -
5. Adresa de contact: Dupa caz, numele si adresa de contact a reprezentantului autorizat (al carui mandat acopera atributiile specificate la articolul 12(2)):	Sika Romania SRL Brasov 500450, Str. Ioan Clopotel nr. 4 Tel: +40 268 406 212 Fax: +40 268 406 213 office.brasov@ro.sika.com www.sika.ro
6. EVCP: Sistemul sau sistemele de evaluare si verificare a constantei performantei (EVCP) produsului pentru constructii , astfel cum este prevazut in regulamentul produselor pentru constructii (RPC), anexa V:	Sistem 2+
7. Organism notificat (SAEN): In cazul declaratiei de performanta (DdP) privind un produs pentru constructii acoperit de un standard armonizat:	0921 Organismul de certificare Nr. 0921 QDB care a notificat controlul productiei in fabrica, a efectuat inspectia initiala, controlul productiei in fabrica, supravegherea continua , aprecierea si evaluarea controlului productiei in fabrica si a emis certificatul de conformitate a controlului productiei in fabrica (CPF) 2017.
8. Organism notificat (ETA): In cazul declaratiei de performanta privind un produs pentru constructii pentru care s-a emis o Evaluare Tehnica Europeana (ETA)	Nu este relevant (vezi pct. 7)

Declaratie de Performanta



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Pardoseli

Declaratie de Performanta

Editia 11.02.2013

Nr. de identificare: 02 08 01 02 007 0 000004

Versiunea nr. 01

Declaratie de Performanta

9. Performanta declarata

Caracteristici esentiale	Performanta	Test standard	Specificatie tehnica armonizata
Rezistenta la abraziune (test Taber):	< 3000 mg	EN ISO 5470-1	EN 1504-2: 2004
Permeabilitatea la CO ₂ :	$S_D > 50$ m	EN 1062-6	
Permeabilitatea la vapori de apa:	Clasa III	EN ISO 7783-1	
Absorbtia capilara si permeabilitatea la apa:	$w < 0.1 \text{ kg}/(\text{m}^2 \times \text{h}^{0.5})$	EN 1062-3	
Rezistenta la atac chimic sever ¹⁾ :	Clasa II	EN 13529	
Rezistenta la impact:	Clasa II	EN ISO 6272-1	
Rezistenta la smulgere dupa testul de smulgere:	$\geq 2.0 \text{ N}/\text{mm}^2$	EN 1542	
Clasificarea la foc:	E _n ²⁾	EN 13501-1	

¹⁾ Va rugam sa consultati tabelul de rezistente chimice Sikafloor[®].

²⁾ Clasificare minima, va rugam sa consultati certificatul individual de testare.



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Pardoseli

Declaratie de Performanta

Editia 11.02.2013

Nr. de identificare: 02 08 01 02 007 0 000004

Versiunea nr. 01

10. Declaratie

Performanta produsului identificat la punctele 1 si 2 este in conformitate cu performanta declarata de la punctul 9. Aceasta declaratie de performanta (DdP) este emisa pe raspunderea exclusiva a producatorului identificat la punctul 4.

Semnata pentru si in numele producatorului:

Lucian Mihai
Director tehnic,

Adrian David
Consultant tehnic,

Pt. conformitate,




Informatii referitoare la ecologie, sanatate si siguranta (REACH)

Pentru informatii și sfaturi referitoare la siguranta utilizarii, depozitarea și decantarea substantelor chimice, utilizatorii se pot adresa la cea mai recenta Fisa Tehnica de Securitate a produsului (FTS) care conține date fizice, ecologice, toxice si de securitate.

Dispozitii legale:

Informatiile si in mod particular recomandarile referitoare la aplicarea si utilizarea finala a produselor Sika[®] sunt date cu buna credinta, pe baza cunostintelor actuale ale Sika si a experientei cu produsele. Acestea sunt valabile atunci cand produsele sunt adecvat depozitate, manipulate si aplicate in conditiile considerate normale in fisa tehnica a produsului respectiv si in cadrul perioadei de valabilitate. In practica, diferentele dintre materiale, straturi suport si conditii efective de lucru pe santier sunt astfel, incat nu se poate da nici o garantie cu privire la vandabilitatea sau functionalitatea unui anumit material intr-un anumit scop. Sika isi rezerva dreptul de a schimba proprietatile produselor sale. Orice informatii, alte recomandari scrise sau sfaturi oferite exclud orice obligatie din partea Sika Romania SRL. Drepturile de proprietate ale tertilor vor fi respectate. Toate comenzile sunt acceptate conform conditiilor generale de vanzare si de livrare actuale. Utilizatorii trebuie sa consulte cea mai recenta versiune a Fisei Tehnice locale a produsului respectiv, a carei copie se livreaza la cerere.



Sika Romania SRL
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Brasov 500450, Str. Ioan Clopotel nr. 4
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www.sika.ro

Flooring
 Declaration of Performance
 Edition 01.07.2013
 Identification no. 0208010205000000031008
 Version no. 01



EN 1504-2: 2004 08 0921
 EN 13813: 2002

DECLARATION OF PERFORMANCE

Sikafloor-264

0208010205000000031008

EN 13813:2002

1. Product Type	Sikafloor-264
Unique identification code of the product-type:	
2. Type	264
batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	batch no. refer to packaging
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	2-part epoxy coating and seal coat According to EN 13813 SR-B1,5-AR1-IR4
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Sikafloor Sika Deutschland GmbH Kornwestheimer Str. 103-107 70439 Stuttgart, Germany
5. Contact Address	not relevant (see 4)
Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	
6. AVCP	System 4
System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:	
7. Notified body (hEN)	-
In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	
8. Notified body (ETA)	not relevant
In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	



9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Release of corrosive substances(Synthetic Resin Screed):	SR	EN 13813	EN 13813
Abrasion Resistance:	≤ AR1 ¹⁾	EN 13892-4	
Bond strength:	≥ B2,0	EN 13892-8	
Impact resistance:	≥ IR4	EN ISO 6272	
Sound insulation:	NPD	EN ISO 140-1	
Sound absorption:	NPD	EN ISO 354	
Reaction to fire:	E _n ²⁾	EN 13501-1	
Permeability to water vapour:	NPD	EN ISO 7783-1	
Thermal resistance:	NPD	EN 12664	
Chemical resistance:	NPD	EN 13529	

¹⁾ Min. classification, please refer to the individual test certificate.

²⁾ According to Commission Decision 2010/85/EU of 9 February 2010 the product fulfils the reaction-to-fire performance class E/Efl without further testing



EN 1504-2:2004

1. Product Type Unique identification code of the product-type:	Sikafloor-264
2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	264 batch no. refer to packaging
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	2-part epoxy coating and seal coat for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps. Principles 1, 2, 5, 6, 8 - methods 1.3, 2.2, 5.1, 6.1, 8.2 of EN 1504-2
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Sikafloor Sika Deutschland GmbH Kornwestheimer Str. 103-107 70439 Stuttgart, Germany
5. Contact Address Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	not relevant (see 4)
6. AVCP System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:	System 2+ System 3
7. Notified body (hEN) In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	0921 Notified factory production control certification body No. 0921 QDB performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control (FPC) 0921-CPR-2017 0767 Notified Body MPA Dresden number 0767 performed the determination of reaction to fire class on the basis of type testing under system 3 and issued test report: 2007-B-0181/16
8. Notified body (ETA) In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	not relevant

9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Dangerous substances	NPD		
Abrasion resistance (Taber test) ¹⁾ :	< 3000 mg	EN ISO 5470-1	EN 1504-2: 2004
Permeability to CO ₂ :	s _D ≥ 50 m	EN 1062-6	
Permeability to water vapour:	Class III	EN ISO 7783-1	
Capillary absorption and permeability to water:	w<0,1 kg/(m ² x h ^{0,5})	EN 1062-3	
Resistance to severe chemical attack ²⁾ :	Class I	EN 13529	
Impact resistance:	Class I	EN ISO 6272-1	
Adhesion strength by pull-off test:	≥ 2,0 (1,5) ³⁾ N/mm ²	EN 1542	
Reaction to fire:	Class E _{fl}	EN 13501-1	
Linear shrinkage:	NPD	EN 12617-1	
Compressive strength:	NPD	EN 12190	
Coefficient of thermal expansion:	NPD	EN 1770	
Cross cut:	NPD	EN ISO 2409	
Thermal compatibility:	NPD	EN 13687	
Resistance to thermal shock:	NPD	EN 13687-5	
Chemical resistance:	NPD	ISO 2812-1	
Crack bridging ability:	NPD	EN 1062-7	

¹⁾ Additionally the requirements according to EN 13813 have to be fulfilled

²⁾ Please refer to the Sikafloor Chemical Resistance Chart

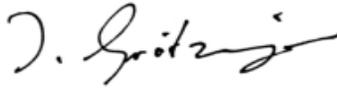
³⁾ The value in brackets is the lowest accepted value of any reading.



10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Jochen Grötzinger

Research and development



Martin Rolfes

Marketing



Dr. Heinz Ephardt

Quality control

Stuttgart, 1. Juni 2013

Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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