

PRODUCT DATA SHEET

SikaSeal®-195

Silicone sealant for natural stone and pool

PRODUCT DESCRIPTION

SikaSeal®-195 is a one-part, neutral-curing silicone sealant with a reactive plasticiser. It is used for sealing joints in natural stones application such as facade, floors, wet rooms and pools. It offers high resistance to weathering and pool disinfection agents.

USES

SikaSeal®-195 is used on the following substrates:

- Natural stone
- Concrete
- Masonry
- Tiles
- Enamel
- Acrylate
- Wood
- Glass
- Metal

SikaSeal®-195 is used for the following areas:

- Wet rooms such as bathrooms and wellness areas
- Kitchens
- Natural stone floors and courtyards
- Food production areas
- Healthcare facilities and hospitals
- Sterile rooms and areas
- Pharmaceutical facilities
- Laboratories
- Swimming pools

CHARACTERISTICS / ADVANTAGES

- Non-staining and non-bleeding in direct contact with sensitive substrates such as natural stones
- Good adhesion to a wide range of substrates
- Contains fungicide to prevent mold growth
- High chlorine resistance

ENVIRONMENTAL INFORMATION

- Attestation AgBB SikaSeal®-195
- Attestation EMICODE SikaSeal®-195
- Attestation LEED v4 and v4.1 BETA SikaSeal®-195
- Eurofins French Attestation SikaSeal®-195
- VOC EMISSION TEST REPORT M1 SikaSeal®-195

APPROVALS / STANDARDS

- CE marking and declaration of performance based on EN 15651-1:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways — Part 1: Sealants for facade elements
- CE marking and declaration of performance based on EN 15651-2:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways — Part 2: Sealants for glazing
- CE marking and declaration of performance based on EN 15651-3:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways — Part 3: Sealants for sanitary joints
- CE marking and declaration of performance based on EN 15651-4:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways — Part 4: Sealants for pedestrian walkways
- VOC EMISSION TEST REPORT Indoor Air Comfort GOLD SikaSeal®-195
- VOC EMISSION TEST REPORT CDPH SikaSeal®-195
- SikaSeal®- 195, SKZ, test report No. 243244-XI-E

PRODUCT INFORMATION

Chemical Base	Alkoxy Silicone (neutral cure)	
Packaging	300 mL cartridge, 12 cartridges per box Refer to the current price list for available packaging variations.	
Colour	Grey and white	
Shelf Life	15 months from date of production	
Storage Conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25 °C. Always refer to the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	
Density	1.04 kg/L	(ISO 1183-1)
Product Declaration	EN 15651-1	F EXT-INT CC 20 LM
	EN 15651-2	G CC 20 LM
	EN 15651-3	XS1
	EN 15651-4	PW EXT-INT CC 12.5 E

TECHNICAL INFORMATION

Shore A Hardness	24 (after 28 days)	(ISO 868)
Tensile Strength	1.2 MPa	(ISO 37)
Secant Tensile Modulus	60 % elongation at +23 °C	0.34 N/mm ² (ISO 8339)
	60 % elongation at -20 °C	0.34 N/mm ²
Elastic Recovery	80 %	(ISO 7389)
Tear Propagation Resistance	2.5 N/mm	(ISO 34-2)
Movement Capability	± 20 %	(ISO 9047)
Service Temperature	Maximum	+120 °C
	Minimum	-40 °C
Elongation at break	ca. 150 %	(ISO 8339)

APPLICATION INFORMATION

Sag Flow	20 mm profile at +50 °C	0 mm	(ISO 7390)
Product Temperature	Maximum	+40 °C	
	Minimum	+5 °C	
Ambient Air Temperature	Maximum	+40 °C	
	Minimum	+5 °C	
Substrate Temperature	Maximum	+40 °C	
	Minimum	+5 °C	
	Beware of condensation. Substrate temperature during application must be at least +3 °C above dew point.		
Curing Rate	+23 °C at 50 % r.h.	2 mm per 24 hours	(CQP049-2)
Skin Time	+23 °C at 50 % r.h.	20 minutes	(CQP019-1)

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTS

Pre-treatment chart for construction sealants and adhesives

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Inadequate surface preparation

Note: Primers are adhesion promoters and not an alternative to improve poor preparation or cleaning of the joint surface. Primers also improve the long term adhesion performance of the sealed joint.

IMPORTANT

Poor adhesion due to inadequate substrate preparation

1. Test the adhesion on a project-specific substrate.
2. Agree on the substrate preparation procedure with all parties before full project application.
3. Contact Sika Technical Services for additional information.

The substrate must be sound, clean, dry and free of contaminants such as dirt, oil, grease, cement laitance, sealant residues and poorly bonded coatings which could affect adhesion of the primer and sealant.

The substrate must be of sufficient strength to withstand the stress induced by the sealant during movement.

1. Use techniques such as wire brushing, grinding, grit blasting or other suitable mechanical methods to remove all weak substrate material.
2. Repair all damaged joint edges with suitable Sika repair products.
3. Remove dust, loose and friable material from all surfaces before applying the sealant.

If tested or supported by experience, the Product can be used without primers or activators on many substrates.

NON-POROUS SUBSTRATES

Aluminium, anodised aluminium, stainless steel, galvanised steel, powder coated metals, glazed tiles, or other metals, such as copper, brass and titanium-zinc.

1. Lightly roughen the surface with a fine abrasive pad.
2. Clean and pre-treat using Sika® Aktivator-205 with a clean cloth. Wait until the flash off time has been

achieved.

PVC substrates.

1. Lightly roughen the surface with a fine abrasive pad.
2. Clean and pre-treat using Sika® Aktivator-205 with a clean cloth. Wait until the flash off time has been achieved.
3. Clean and pre-treat using Sika® Primer-215 applied with a brush.

Glass substrates

1. Clean and pre-treat using Sika® Cleaner P or Isopropanol applied with a clean cloth and wait until the flash off time has been achieved.

POROUS SUBSTRATES

Concrete, aerated concrete and cement based renders, mortars, bricks and natural stones.

1. Prime surface using Sika® Primer-3 N applied by brush.

For more details of the primer or pretreatment products, refer to the corresponding Product Data Sheet. Contact Sika Technical Services for additional information.

APPLICATION

IMPORTANT

Strictly follow installation procedures

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

IMPORTANT

Material failure due to insufficient air humidity

Air humidity is required for the Product to cure. Do not use the Product in a totally confined space.

Colour variation

Note: Colour variation may occur especially with white or other light colour shades. This effect is purely aesthetic and does not adversely influence the technical performance or durability of the Product.

APPLICATION METHOD / TOOLS

1. Apply masking tape where neat or exact joint lines are required.
2. After the required substrate preparation, insert a backing rod to the required depth.
3. Prime the joint surfaces as recommended in substrate preparation. Note Avoid excessive application of the primer.
4. Open the seal on the top of the cartridge or open the end of the foil pack.
5. Fit the nozzle and cut it to the desired bead size.
6. Insert the Product into the application gun.
7. Apply the Product into the joint. Note: Avoid air entrapment. Make sure that the Product comes into full contact with the adhesion area of the joint.
8. IMPORTANT Do not use tooling products containing solvents. As soon as possible after application, tool the Product firmly against the joint sides to ensure adequate adhesion and a smooth finish. Use a compatible tooling agent such as Sika® Tooling Agent N to smooth the joint surface.
9. Remove the masking tape within the skin formation

time of the Product.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with Sika® Remover-208. Once cured, hardened material can only be removed mechanically. For cleaning skin use Sika® Wonder Wipes.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are 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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Product Data Sheet

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