



Oka Silicon „NEW“ Silicon caulk

- Colors match Servofix and Servoperl grouts
- Extreme stress resistance
- Anti-fungal properties
- Non-aging
- Suitable for interior and exterior use
- Suitable for steam rooms and steam showers*
- UV resistant

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73730 Esslingen · Germany
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DESCRIPTION

Oka Silicon is a high quality, self curing, high-stress, one component silicon sealing compound. The permanently elastic joint sealer is suitable for sanitary areas around bathtubs and sinks, and to caulk expansion joints in ceramic coverings.

Oka Silicon provides a short-term resistance to alkaline/caustic acids and lye's, industrial emissions and corresponds to DIN 18 545 E. The sealer should not be used over alkaline substrates (such as concrete, etc.), non-ferrous metals or for assembling fish tanks.

If used on agglomerated and natural stone coverings, penetration and edge coloration may occur. **Oka Silicon** cannot be coated. Please contact the Kiesel Technical Service Department for information on using **Oka Silicon** in submerged areas and natural stone application.

SUBSTRATE PREPARATION

Check existing substrate for suitability. The surface must be clean, dry, load bearing and free of dust and grease. Clean substrates such as glass, aluminum, iron with rust proof paint, enamel and ceramics with a special cleaning solution before application. Prime glazed wood and hard/soft PVC before application. For more detailed information see the Kiesel primer table.

Because of its coloration characteristics, **Oka Silicon** should not be used in contact with bituminous materials. Follow local/ national specifications regarding swimming pool specifications and installation, floor preparation guidelines located in the latest TTMAC and TCNA installation manuals. Follow local/ national specifications regarding swimming pool specifications and installation, floor preparation guidelines located in the latest TTMAC and TCNA installation manuals.

PROCESSING

Cover joint edges with masking tape. Cut tip of tube, attach application nozzle and shape to joint width. Insert tube into manual or pneumatic caulking gun and fill joints evenly. Smoothen with small amounts of a suitable smoothing compound with a knife or finger immediately after application. Remove any excess smoothing compound as well as masking tape immediately after application.

SPECIFICATIONS

Color	white, manhattan, silver grey, snow, transparent, middle grey, anthracite, black velvet, light grey, pergamon, stone grey, basalt, safari sand, shadow, slate, grey, jasmin, universal grey, mochacino, topas, fog
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VOC	0,0 g/L
Antimicrobial technology	Yes
Application	Interior, exterior, walls and floors
Density	Approx. 1,03 g/cm ³
Shore-A-Hardness	Approx. 18 ± 5 (DIN 53505)
Tensile strength	2,6 N/mm ² (DIN 53504)
Elongation at break	800 % (DIN 53504)
Permanent expansion capacity	25 %
Resilience	> 90% (ISO 7389-B)
Temperature tolerance	-10 °C to +40 °C (Underground +5 °C) 50 °F to 104 °F (Underground 41°F)
Elastic modulus	(100%) 0,3 N/mm ² (DIN EN ISO 8339)
Application temperature	-60 °C to +180 °C -76 °F to 356 °F
Cure time*	Approx. 1/16" / 2 mm/day
Building material group	B2 (DIN 4102 part 4) (normal flammability)
Storage	Store in a cool and dry area for up to 18 months**

COVERAGE

1 tube will cover approximately 39 linear foot per 3/16" bead / 12 linear meters at 5 x 5 mm joint cross section.

CLEANING

Clean tools with acetone immediately after application.

PACKAGING

Description	Item No.
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80501 white
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80502 manhattan
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80503 silver grey
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80504 snow
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80505 transparent
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80506 middle grey

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90 cartons of 12 x 310 ml/ 10.4 oz tubes	80507 anthracite
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80508 velvet black
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80509 light grey
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80510 pergamon
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80511 stone grey
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80512 basalt
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80513 safari sand
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80514 shadow
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80515 slate
90 cartons of 12 x 310 ml/ 10.4 oz tubes	8051g grey
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80517 jasmin
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80518 universal grey
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80519 mochacino
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80520 topas
90 cartons of 12 x 310 ml/ 10.4 oz tubes	80521 fog

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.