MATT SILICONE



New type of silicone sealant with a matt surface. For the production of flexible hygiene, floor and movement joints. Perfectly adapted to cement-based joint surfaces.

Product characteristics

- Matt surface, adapted to the cement-based grout surface. Ideal for modern bathrooms.
- Matching LUGATO grout colours.
- UV and weather resistant.
- Easy to apply.
- With low volume shrinkage.
- Excellent adhesion and outstanding adhesive properties.
- Inhibits the growth of fungi and bacteria.
- Suitable in accordance with DIN EN 15651-4, DIN EN 15651-1 and DIN EN 15651-3.

Applications

For sealing

1. connection, expansion and corner joints in bathrooms, showers, toilets. E.g. at tubs, washbasins and other sanitary objects.
2. connection joints in kitchens, e.g. at washbasins, kitchen worktops and splashbacks.
3. floor joints, e.g. on balconies and terraces.
4. edge joints (floor / wall) at pillars, supports, fixed installations and penetrating components such as pipes.

Wall, floor, ceiling, indoors and outdoors.



MATTES SILICON, perfect for high-quality matt surfaces.

Substrates and preparation

Suitability	Sanitary acrylic paint, acrylic paint, aluminium (anodized), concrete, dispersion colours, stainless steel (non-rusting), enamel, tiles, glass, wood, lime cement plaster, ceramics, clinker, artificial resin paints, glazes, OSB panels, porcelain, chipboard, terrazzo, cement plaster, cement screed, brickwork.
Condition	Sufficiently hardened, load-bearing, solid, dry, clean, free of cracks and dust, free of colouring / separating substances such as bitumen, oil and grease, nicotine, silicone residue, wood constituents, impregnation, care products, wallpaper and wallpaper paste, free of biological infestation (e.g. mould), joints with uniform depth and width.
Preparation	▪ Mask edges of joint with adhesive tape if necessary. Fill in deep joints with polyethylene round cord in such a way that the following joint width to joint depth ratio is achieved: With narrow joints 1 : 1, with wide joints 2 : 1. ▪ Dimension the joint width in such a way that movements of the adjacent components (stretching and compression) can be absorbed, and the permanent stretching capability of 20 % is not exceeded. ▪ Pre-coat acrylic sanitary (indoor only), concrete, OSB panels (indoor only), lime sandstone, unglazed ceramics, masonry, plaster, chipboard (indoor only), terrazzo, cement plaster, cement screed and brickwork with VORANSTRICH FÜR SILICON. ▪ Remove old, mouldy silicon sealants by cutting out and treating with LUGATO SILICON-ENTFERNER and treat substrate with chlorine-free fungicide to prevent fungal re-infestation. ▪ Please note: The joint widths of expansion joints should be at least 5 mm indoors and at least 10 mm outdoors.

Application



Mask the edges of the joint with adhesive tape prior to elastic sealing.



Cut off tip of nozzle at an angle (in accordance with the joint width) and cut off the tip of the cartridge.



Apply MATTES SILICON firmly into the joint using the cartridge gun.



Smoothen with FUGENGLÄTTER (moistened with SILICON-GLÄTTMITTEL) within 15 minutes. The maximum degree of matt finish is achieved with a one-off application. Remove adhesive tape immediately and smoothen the edges of the joint if necessary.

Product data

Consumption	approx. 27 ml/m.
Yield	approx. 11.5 m.
Processing temperature	5–40 °C.
Skin forming time	approx. 15–25 minutes.

Product data (continued)

Hardening	approx. 2–3 mm / day.
Load capacity	splashing water after 24 hours. permanently load-bearing after 7 days.
Temperature resistance	-50 to 180 °C.
Type of cross-linking agent	acetate cross-linking.
Permissible overall deformation (Long-term elasticity)	20 %.
Can be painted over	no.
Colours	white, silver-grey, manhattan, grey, bahama beige, anthracite.
Contents	silicone polymer, acetate curing, functional fillers, pigments, film protection agent: Contains 2-n-butyl-benzo[d]isothiazol-3-one.
Product characteristics	Fulfils the requirements of GEV-EMICODE® EC 1 PLUS for very low-emission products (further information available at www.emicode.com). No additional organic solvents.
Package size:	310 ml.
	At least 50% of the cartridge (packaging) consists of recycled plastic (proportion of recycled material based on manufacturer specifications)
Shelf life	original sealed packaging, see imprint. Non-sensitive to frost, store in a cool and dry place.
Disposal	allow residual contents to harden. Then dispose of in the domestic waste or as construction waste. Recycle packaging after emptying residue.

All details and values relate to an ambient temperature of 15–20 °C and relative humidity of 65 %. Construction site conditions can affect the characteristics of the product.

Care instruction for silicone joints

What can be done to make a silicone joint last as long as possible and look good?

After general use (e.g. after showering):
Silicone joints and adjacent surfaces must be rinsed with at least lukewarm water. Remove excess material from adjacent areas and wipe dry.
Wipe silicone joint surfaces dry with a soft cloth. Well squeezed-out microfibre cloths, sponge cloths or lint-free cotton cloths are the most suitable for this.

Maintenance cleaning (e.g. general cleaning work in the bathroom):
Moisten silicone joints and adjacent areas with water.
Clean the areas with a water-based cleaning solution (additional of neutral cleaner) and a soft sponge cloth. Remove any limescale deposits with water and a lime-dissolving cleaner additive. Rinse surfaces with clear water. Remove excess material from adjacent areas and wipe dry.
Wipe silicone joint surfaces dry with a soft cloth. Well squeezed-out microfibre cloths, sponge cloths or lint-free cotton cloths are the most suitable for this.

Additional instructions after cleaning and general use:
Remove residual moisture from surfaces in a controlled way by means of ventilation.
Avoid condensation caused by erroneous ventilation (ventilate correctly by means of short-term shock ventilation) or low temperatures.
In bathrooms, do not close the shower curtain or the shower cabinet door.

Regular inspection of permanently flexible joints:
- Check for adhesion / crack formation
- Check for mould infestation / contamination
- Check for changes to surface

If defects are found, remedy them immediately.

Test certificates

- In accordance with EN 15651-4 (2012-09): PW - 12,5E EXT-INT
- In accordance with EN 15651-1 (2012-09): F - 20LM EXT-INT
- In accordance with EN 15651-3 (2012-09): S - XS 1

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Großer Kamp 1, D-22885 Barsbüttel
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EN 15651-1/-3 /-4: 2012-09
0757
Einkomponentiger Silikondichtstoff, acetatvernetzend
Für Fassadenelemente, für den Sanitärbereich und für Fußgängerwege
Typ: F EXT-INT, S, PW EXT-INT
Konditionierung: Verfahren A
Trägermaterial: Glas/Mörtel (M1) mit Primer

Brandverhalten:	Klasse E
Freisetzung von umwelt- und gesundheitsgefährdenden Chemikalien	bewertet
Wasser-/Luftdichtheit	
Zugverhalten Sekantenmodul	≤ 0,4 und ≤ 0,6 MPa
Zugverhalten unter Vorspannung	bestanden
Standvermögen	≤ 3 mm
Volumenverlust	≤ 10 %
Rückstellvermögen	≥ 70 %
Reißfestigkeit	bestanden
Haft- und Dehnverhalten	
unter Vorspannung nach Eintauchen in Wasser	bestanden
bei unterschiedlichen Temperaturen	bestanden
unter Vorspannung nach Eintauchen in NaCl-Lösung	bestanden
nach Beanspruchung durch Hitze, Wasser und künstliches Licht	bestanden
Mikrobiologisches Wachstum	1
Dauerhaftigkeit:	bestanden

- The performance declaration can be downloaded from the internet at www.lugato.de if required.

Please note

Damaging to water organisms, with long-term effect. Contains 2-n-butyl-benzo[d]isothiazol-3-one. May cause allergic reactions. Avoid release into the environment. Take contents / container for disposal in accordance with the local and national regulations.

If you're not sure of something, please ask!

Feel free to give us a call. You can reach the LUGATO experts at: +49 (0)40 6 94 07-222.

The statements made in this information sheet reflect our current knowledge and level of experience. Since we do not have influence on the object-specific circumstances and the correct execution of the work, we can only guarantee the consistent quality of our products.
For that reason, in case of doubt, verify the suitability of the product through a sufficient number of test applications. A direct legal liability can be derived neither alone from the instructions in this information sheet nor from any verbal consultation.
The publication of this technical information sheet invalidates all previous editions. Subject to change without prior notice.

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