



Sanitär silicon

Silicone cross-linking sealant, with a low modulus of elasticity and solvent-free.

Anti-mould. High resistance to UV rays.

For floors and walls.

For horizontal and vertical surfaces.

For indoors and outdoors.

PROFESSIONAL USE.



SUITABLE APPLICATIONS

- Sealing of glass, ceramics, anodised aluminium;
- usable on concrete, wood, metal varnished surfaces, rubber: in these cases we advise using F.31 PRIMER SIL AC to improve the bonding of the product at the sides of the joints;
- sealing of expansion joints subject to movement of $\pm 25\%$ from the initial size;
- formation of completely elastic seals between structural elements in the building, mechanical, naval, car and industrial sectors;
- sealing floors and walls in ceramics;
- sealing between sinks, sanitary fixtures, WCs, and ceramic walls in kitchens, bathrooms and showers;
- sealing expansion joints in swimming pools, on terraces and external façades (in these cases it is advisable to improve the bonding by applying F.31 PRIMER SIL AC to the sides of the joints);
- assembling glass and artistic glass windows;
- sealing glass, windows and shutters;
- sealing pipes for water, air, spotlights, portholes, windows and glass windows;
- sealing tanks, piping and boilers;
- sealing materials with different expansion coefficient;
- adhesive-sealant for general use.

UNSUITABLE APPLICATIONS

- Do not use in the following cases:
- to seal limestone sensitive to acids;
 - on bitumen or largely plastic surfaces which can release asphalt oils or substances which reduce the bonding altering the colour and resistance of the product;
 - for sealing aquariums (the product is harmful to aquatic organisms);
 - for sealing surfaces with high vehicular movement or where very high abrasion resistance is required;
 - for sealing joints in floorings subject to aggressive chemical attack with the presence of concentrated acids (perform preliminary tests);
 - the product cannot be painted over.

PREPARATION OF SUBSTRATES

The substrate must be solid, dry, stable (shrinkage from ageing completed) and free from dust, crumbly parts, oils, grease, form release agents, waxes, varnishes, rust, old paints and anything else which could affect good adhesion.



APPLICATION

In order to allow the sealant to perform its function, it is necessary that , once applied to the joint, it can expand and compress freely.

The product must therefore adhere perfectly to the sides of the joint but not to the base. The thickness of the joint must always be lower than its width: in particular, for widths lower than 5 mm, the thickness can be equal to its width, for greater widths, the thickness must be equal to half its width.

The joint must therefore be protected so that the maximum movement does not exceed 25%. For very deep joints, in order to regulate the depth and avoid the product adhering to the base, insert F.47 NEOPOLCER beforehand (compressible seal in expanded polyethylene).

Cut the cartridge at the top of the tip, unscrew the nozzle, cutting an opening at 45° according to the width of the joint, insert the cartridge in the gun and extrude.

Protect the edges of the tiled surface with adhesive tape, and then apply the product in the joints, with the help of a trowel if necessary. The possible final smoothing should be done with a wet tool, preferably wet with soapy water, and before the formation of a superficial film.

Remove any excess sealant with alcohol.

AVAILABLE COLOURS | The list of available colours appears in the general catalogue.

COVERAGE | As an approximate guide reference is made to the table below.

| BUTT JOINT | |
|------------------------|-----------------------------|
| | |
| Joint size in mm (axb) | Linear metres per cartridge |
| 5x5 | 12 |
| 5x10 | 6 |
| 10x10 | 3 |
| 15x10 | 2 |
| 20x10 | 1,5 |
| 25x10 | 1,25 |
| 30x15 | 0,7 |
| 40x20 | 0,4 |

| TRIANGULAR JOINT | |
|-------------------------|-----------------------------|
| | |
| Joint size in mm (axb) | Linear metres per cartridge |
| 5 | 25 |
| 10 | 6 |
| 15 | 3 |
| 20 | 1,5 |



CLEANING | Wash hands and equipment with toluene, acetone, petrol or dilutant, before setting begins. Afterwards clean mechanically.

PACKAGING | Cartridges of 310 ml in 12-piece boxes.

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION | SANITÄR SILICON is not dangerous according to the current regulatios on the classification of mixtures. It is recommended to wear gloves and safety goggles and to take the usual precautions to handle chemicals.
For further and complete information, it is recommended to refer to the latest version of the safety data sheet.

TECHNICAL DATA

| | |
|--|---|
| Appearance | Thick mixture in different colours |
| Hazard classification (directive 1999/45/CE) | No (for further information see the safety data sheet) |
| Volumic mass (g/cm ³) | 1,0 ± 0,03 |
| Application temperature range | From +5°C to +35°C |
| *Workability time | 10 min. |
| *Skinning time | 15-30 min. |
| *Polymerisation speed | 1,5 mm/day - 4 mm/3 days |
| Maximum movement in use | 25% |
| Shore hardness A (DIN 53505) | 20±3 |
| Thermal resistance | From -40°C to +180°C |
| VOCs (Rule # 1168 of California's SCQAMD) USGBC – LEED U.S. | 69 g/L (Requirement: 250 g/L) |
| Storage | 24 months in original packaging in a dry place |

*Data obtained at +23°C and 50% Relative Humidity.

This technical data sheet is based on the knowledge acquired from our experience. We reserve the right to modify the data contained herein as a result of improvements and technical progress. Considering the different materials and diverse working techniques, which are outside of our control, we cannot accept any responsibility for the use of these instructions. We therefore recommend undertaking sufficient test applications and consulting our Technical Assistance service.

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