



Neutral antibacterial silicone sealant



- *Excellent adhesion on concrete, cementitious and aluminum surfaces,*
- *Ideal for professional applications,*
- *No pore formation during drying, odorless,*
- *Full performance at low and high temperatures,*
- *Non sagging high durability,*
- *Ideal for DIY applications,*
- *100% silicone*

DESCRIPTION

• Single-component, general-purpose, antibacterial neutral-curing and 100% silicone sealant. Suitable for sealing or grouting the joints between materials and coverings. It is non-corrosive and offers excellent compatibility for alkali and cement based surfaces. It does not sag during or after application. It does not allow forming of pores on the surface during curing. It impedes moulding in areas where are exposed to excessive humidity or non-ventilated. It is resistant to UV and outdoor conditions. It employs its full performance and elasticity at low ($-40\text{ °C} \leq$) or high ($\leq 150\text{ °C}$).

AREAS OF USE

• Suitable for indoor and outdoor applications of wet areas, window and door systems, kitchens and various DIY applications in cars, boats, vans and houses. It can be used for filling expansion joints for internal areas.

FEATURES

Material content: Silicone
 Type : Mastic
 Color : Transparent / white
 Density : $1,01\text{ gr/cm}^3$

APPLICATION PROPERTIES

Consistency : non-sag
 Application tool : sealant gun
 Application temperature : $+5\text{ °C} - +40\text{ °C}$
 Set time (initial / for contact) : minimum 10 minutes
 Set time (formation of surface film) : minimum 25 minutes

TECHNICAL PERFORMANCE

Extrusion rate : 300 ml/min . (23 °C , 3 mm nozzle, 650 N/mm^2)
 Tensile strength : $0,7\text{ N/mm}^2$ (ISO 8339)
 Ultimate elongation : 300% (ISO 8339)
 Hardness (Shore A) : 22 (ISO 868)
 Modulus (100% flexion) : $0,34\text{ N/mm}^2$
 Tear strength : $4,5\text{ N/mm}^2$ (ISO 34 method C)
 Resistance to thermal shocks: $-40\text{ °C} - +150\text{ °C}$

SURFACE PREPARATION

- The surface must be clean in order to ensure the sealant bonds properly. Surfaces should be clean and free from dust, dirt, grease or any other contaminating barrier.
- Ensure that surfaces are mature, sound, stable and smooth, and dry.
- Impervious surfaces (glass, vitrified wares, and etc.) should be cleaned with a solvent containing cleaning material. The material should be wiped off from the surface before it dries.
- According to surface format, priming may be required to reinforce bonding.

APPLICATION

- The sides of joint should be taped for masking in order to prevent excessive sealant to contaminate rest of the surface.
- Sealant is applied by means of a sealant gun. Insert the cartridge into the sealant gun and cut off its tip diagonally considering the joint width. Apply adequate amount of sealant into the joint.
- The surface should be smoothed by using a sealant pen or spatula no later than sealant forms a skin.
- After application rip off the masking tapes. Sealant remains can be easily cleaned with a cloth when wet. When dried, sealant remains can be cleaned only mechanically.

PRECAUTIONS

- Sealant is not suitable for marbles or limestone. It would cause fade-out, colour deterioration and stains.
- It should not contact with EPDM, APTK and neoprene surfaces. Contact may cause colour deteriorations.
- A pre-test should be performed in a spare part of the surface to verify that the surface

is resistant to the sealant.

- It is not used for bonding glazed surfaces each other.
- It is not suitable for use in aquariums for neither sealing nor bonding purposes.
- It is not paintable.
- Curing duration will be longer at low temperatures, in high humidity and low-ventilated closed areas.

COVERAGE

- The approximate coverage amount may vary depending on the application thickness: 10-12 linear meters / 310 ml cartridge.

PACKAGING

- Plastic cartridges of 310 ml (25 cartridges in a box).

STORAGE AND SHELL LIFE

- When stored unopened in a cool, dry place at temperatures above 5 °C , shelf life is 18 months from date of manufacture. Production date and charge number is displayed on the packaging. If the expire date has passed, the product should be intended to use due to quality control test evaluations.
- When not used, opened cartridges should be closed tightly to avoid air contact.

HEALTH AND SAFETY

- Irritating to eyes and skin due to acidic content. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water.
- Wear suitable protective clothing, gloves and eyes/face protection.
- The product should not be inhaled during application (sealant cures with air and exposes acetic acid vapor). The area should be ventilated during application. Mask should be used if necessary.
- Do not swallow. If swallowed, immediately seek medical help.
- Keep the product out of the reach of children.



Note: The initial controls of our product are made during the production phase. We guarantee the stability of our products' quality. All recommendations and instructions on the technical sheet are generally based on our experience. Please contact us for applications on special surfaces not mentioned in the technical sheet. Our company reserves the right to update the information on the technical sheet in the case of technical necessities without prior notice. This new catalogue supercedes the previous editions.