

SUPERSIL NEUTRAL

Jointing neutral silicone.

Description

SUPERSIL NEUTRAL is a neutral silicone with high adhesion to all substrates, porous as well as non-porous. It shows excellent resistance to weather conditions (UV radiation, rain, frost) and does not shrink.

SUPERSIL NEUTRAL offers:

- Excellent bonding to most surfaces without primer
- High elasticity
- Easy to apply
- Suitable for alkaline environment (e.g. concrete, cement etc.)
- Non-corrosive to metals
- Excellent resistance to ageing

Specifications

Application temperature: +5 °C to +40 °C

Density: 1,03 g/cm³

Flow rate (+23 °C, 3mm nozzle, pressure 0,63 N/mm²): 800 ml/min

Skin formation: after 25-30 min (depending on environmental conditions)

Maturation speed: 2,0 mm/day

Hardness according to SHORE A: 20 ± 2

Temperature resistance: -40 °C to +120 °C

Elongation at break (DIN 53504): 650%

Tension at 100% elongation (DIN 53504): 0,25 N/mm²

Tension at breaking point (DIN 53504): 1,2 N/mm²

Fields of Application

SUPERSIL NEUTRAL is suitable for sealing joints (3-40 mm) and bonding structures made of glass, tiles, ceramics, bricks, plastic (PVC, epoxy polyester, polyacrylate, polycarbonate and formica), painted or varnished wood.

SUPERSIL NEUTRAL has excellent adhesion to metal surfaces such as galvanized metal plates, stainless

metals, zinc, copper, aluminium powder painted or unpainted without eroding or oxidizing them.

SUPERSIL NEUTRAL is ideal for sealing between the profile and the marble or wall on the external side of aluminium or PVC frames.

Substrate preparation

Substrate must be free of dust, loose particles, grease etc. It is advisable that the joint is cleaned up using a paintbrush or a wire brush and then air-blasted. To avoid undesirable soiling at joint edges, a self-adhesive paper-tape is applied alongside the edges and then removed immediately after sealing the joint (before skin formation).

Instructions for use

Insert cartridge in the special gun and cut nozzle in a slant way so that as it does not fit into the joint but just touches and slides along the edges. Silicon is applied by driving the cartridge alongside the joint axis at a 45° angle. While still fresh, silicone is levelled using a trowel or by finger. Tools must be cleaned thoroughly with water whilst material is still fresh. If material is hardened, tools may be mechanically cleaned.

Packaging

Plastic cartridge 280ml

Colours

Transparent (non-paintable)

Precautions and safety

No special precautions are necessary for product application except for standard precautions applicable to all construction operations i.e. using gloves and goggles; preventing prolonged skin contact; etc. In case of eye contact, immediately wash with plenty of water and seek medical advice if necessary. Collect empty bags and plastic covers and dispose of in refuse bins designated for this purpose. Consult instructions for safe use indicated on product packaging. For more information please refer to the material safety data sheet of the specific product.

Storage

Twelve months from production date if stored in dry and not high temperature conditions (5 °C to - 25 °C).

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

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Qualitätsmanagementsystem

Zertifiziert nach DIN EN ISO 9001

