PRONOVA®

NATURAL STONE SILICONE

PROPERTIES:

PRONOVA Natural Stone Silicone is a neutral-curing (pentanonoxim), highly-elastic silicone sealant for reliably sealing marble and high-quality natural stone, such as granite, sandstone, quartzite, travertine or slate, without causing discolouration. Suitable for use in bathrooms. Fungus inhibiting (intrinsic protection against mildew and mould). Resistant to UV, ageing and weathering.

AREAS OF APPLICATION:

Ideal for particularly long-life sealing and for expansion and connection joints in natural stone, both indoors and outdoors. For creating a bond between natural stone materials and metal constructions (e.g. in stair construction) that compensates for movement. For sealing around mirrors set in natural stone.

PRODUCT ADVANTAGES:

- Neutral-curing
- Reliably prevents stone discolouration
- Fungus inhibiting
- Highly elastic
- Resistant to UV, ageing and weathering

TECHNICAL INFORMATION:

Raw material base:	Silicone-polymer, neutral cure
Shore A hardness:	Approx. 25 (±3)
Density:	Approx. 1.02 g/cm3 (±0.03)
Temperature resistance:	-40 °C to +180 °C
Application temperature:	+5 °C to +40 °C
Curing time:	Approx. 2 to 3 mm/24 h [1]
Skin formation time:	Approx. 10 to 15 minutes [1]
Admissible total deformation:	Approx. 25 %
Permissible joint width:	5-25 mm
Standards and tests:	EN 15651-1: F-EXT-INT-CC EN 15651-3: XS1

[1] Depends on the temperature and air humidity (data determined at 20 °C/60 % rh).

PREPARATION OF SUBSTRATE:

Substrates and bonding surfaces must be solid, clean and free of dust, oil and grease. Use a cutter (e.g. PRONOVA Joint Sealant Removal Tool) to carefully remove any residual silicone. In the case of problematic substrates, it is essential to pre-treat the bonding surfaces with a silicone primer (e.g. PRONOVA Joint Primer). To avoid three-sided adhesion and in the case of deep joints, fill the joints first with a PRONOVA PE backer rod. For perfect results, stick self-adhesive masking tape along the joint edges.

PROCESSING AND APPLICATION:

Cut open the cartridge above the screw thread. Cut off the end of the clip nozzle according to the desired joint width and screw the nozzle into place. Using a standard cartridge gun, fill the joint evenly with PRONOVA Natural Stone Silicone, without any gaps or cavities. Before a skin starts to form, smooth the joint using a smoothing agent (e.g. PRONOVA Joint Perfect) and a suitable tool (e.g. PRONOVA Joint Champion). Remove the masking tape immediately and smooth the joint again if necessary.

CLEANING:

Fresh residues of uncured PRONOVA Natural Stone Silicone can be removed with spirit or a turpentine substitute. The same applies for cleaning the tools.

Hardened sealant can only be removed mechanically, using a suitable cutting tool (e.g. PRONOVA Joint Sealant Removal Tool).

STORAGE:

Store in cool, dry, frost-free conditions. If stored properly in its unopened original container, PRONOVA Natural Stone Silicone has a shelf life of up to 18 months. Observe the shelf life date on the cartridge.

DISPOSAL:

Only send completely empty packaging for recycling. The hardened product can be disposed of as household waste/household-type commercial waste. Observe the local regulations when disposing of waste.

IMPORTANT INFORMATION:

Bonding-resistant materials such as Teflon®, PP, PE or substrates containing bitumen or tar are not suitable as bonding surfaces. Since there is a very large number of possible applications, carry out your own tests to ensure material compatibility, if in doubt.

Before applying the product, read the safety instructions on the cartridge and the details in the safety data sheet. The safety data sheet can be found at **www.pronova-dichtstoffe.de**.

PACKAGING:

Package:	300 ml cartridge
Packaging:	6 pieces/box
Colours:	Transparent, White, Silver grey, Sand grey, Anthracite

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