

COMPAKTUNA®

# SILICONE GR

Textured matte sealant for natural stone and ceramic tiles



CHARACTERISTICS

- Ready-to-use silicone rubber with anti-mold properties, easy to apply and offering excellent adhesion on various substrates.
- Specifically developed for sealing joints in contact with natural stone (marble, bluestone, etc.) without causing edge staining (discoloration of the stone due to plasticizer migration from the silicone joint). Tested and compliant with ISO 16938-1.
- Resistant to aging, weathering, high and low temperatures.
- Skin formation and curing occur through reaction with ambient humidity.

APPLICATIONS

- For applying expansion joints in natural stone and tiling works both indoors and outdoors, with a joint width up to 10 mm.
- For sealing joints between masonry, concrete, metal, glass, treated wood, and certain plastics (except PE and PP).
- Thanks to its anti-mold properties, SILICONE GR is perfectly suited for expansion joints, connection joints, and corner joints in bathrooms and sanitary areas.
- Tested according to EN 15651 – Part 1: F EXT-INT CC 25 HM
- Tested according to EN 15651 – Part 3: S
- Tested according to EN 15651 – Part 4: PW EXT-INT 12.5 E
- French VOC emission class A+
- Reaction to fire in accordance with EN 13501: Class E

Technical characteristics	Measured values
Skin formation at +23 °C and 50% relative humidity (RH)	10 min.
Curing rate at +23 °C and 50% RH	±2 mm/24h
Temperature resistance	-40 °C to +120 °C
Shore A hardness - ISO 868	30
Maximum allowable deformation	25%
Modulus at 100% elongation according ISO 37	0,6 MPa
% elongation at break according ISO 37	300%
Density	1,4 g/ml

Mixing ratio	Consumption	Packaging
Undiluted	Joints of 10 x 10 mm: ±3 linear meters per cartridge Voegen van 5 x 5 mm: ±12 linear meters per cartridge	12 cartridges of 310 ml per carton
Colour	Processing time	Operating temperature
Manhattan, cement grey, mineral and black	coloured: skin formation after ±20 min.	+5 °C to +35 °C

# SILICONE GR

## DIRECTIONS FOR USE

The surfaces must be dry. If necessary, degrease with acetone, MEK, denatured alcohol, or ethanol. If required (porous substrates or wood), apply the appropriate specific primer. It is recommended to perform adhesion tests. Ensure that the surfaces to be bonded are compatible and use the correct primers where needed.

Avoid contact with surfaces that may release solvents.

The sealant thickness should be limited to a maximum of 10 mm by using backing rods such as NOMAFILL profiles. If the sealant thickness is too low, a PE foil can be placed beneath the base of the sealant to prevent three-sided adhesion.

The product must always be applied with a gun, either manual or pneumatic. The shape of the seal is very important: thin layers and a concave joint profile should be avoided. Do not expose the sealant to thermal, mechanical, or chemical stresses before it has fully cured.

We recommend using GLADSTRIJKMIDDEL N before smoothing the silicone. When smoothing SILICONE GR, this should be done in one continuous movement using a smoothing tool.

## REMARKS

Application on fresh masonry and concrete is not recommended. Due to drying shrinkage and the alkalinity of the cement, it is better to wait 4 weeks before sealing. Any residues of form-release oil or lime scale should be removed. In case of doubt regarding adhesion, prime with a specific PRIMER and perform a test. SILICONE GR is resistant to swimming pool water (chlorinated water) in areas close to the pool itself, provided the sealant has the opportunity to dry occasionally during the day.

## PACKAGING

1 cartridge is 310 ml.  
12 cartridges of 310 ml/box.

## SHELF LIFE

12 months in the original, unopened packaging under normal climatic conditions. Keep dry and frost-free

## AVAILABLE IN FOLLOWING COLOURS

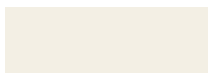
The various available colors of SILICONE GR are matched to those of JOINT HY (PREMIUM) so that when using both products, a tiled space can be finished perfectly with a visually harmonious result (colors are shown approximately).



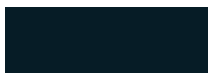
manhattan



cement grey



mineral



black

