



FGS Ultimate Silicone

An advanced, low modulus, neutral curing, non-staining, anti-mould, pure silicone sealant and adhesive, 310ml

- 100% pure silicone with a high quality matt finish
- Colour matched to ROCATEX grouts
- Anti-fungal - protects against mould, mildew and bacteria
- Non-staining formula - suitable for natural stone and marble
- Easy to tool and highly flexible - movement capability up to 50%
- Excellent adhesion to most surfaces (plastics, tiles, paint, glass, metals etc.)
- Outstanding UV resistance - anti-ageing and weather resistant
- Advanced low odour formulation



DESCRIPTION

An advanced low modulus, neutral curing, non-staining, matt finish, anti-mould, pure silicone sealant and adhesive. Suitable for bathrooms, kitchens, wetrooms, natural stone & marble, tiling, plumbing, sanitary, expansion joints, glazing, construction and roofing. Suitable for interior and exterior applications.

APPLICATION

Surfaces must be dry, firm, free from all loose material and contaminants such as dirt, dust, grease etc. Porous substrates must be primed. Apply the sealant firmly into or along the joint. Joint dimensions should be at least 5 x 5mm for indoor and 10 x 8mm (w x d) for outdoor applications. With increasing joint width (up to 30mm), joint depth should be roughly half the joint width. The sealant should be smoothed using a suitable tool and water or non-staining water-based smoothing agent. Working time is approximately 30 minutes (15 minutes for translucent). Do not apply in temperatures below 5°C or above 35°C. ROCATEX FGS Ultimate Silicone must not be used in aquarium construction, as a mirror adhesive or for underwater applications. Not suitable for plastics with generally poor adhesion to silicones (e.g. PE, PP, PET).

YIELD

Metres of joint per 310ml cartridge for the following joint dimensions:

5 x 5mm	approx. 12m
10 x 10mm	approx. 3m

STORAGE

Store unopened, clear of the ground, in a cool, dry, frost free environment.

CURING

Rate of curing depends on temperature, humidity and depth of substrate. The data given refer to tests at standard conditions (23°C / 50% relative humidity). Under these conditions, a 10 x 10mm joint will cure in 8 to 14 days. Low temperature, low humidity and joint depth above 15mm will retard skin formation and curing significantly. Data given were determined shortly after production, and may slightly vary with increasing age of product and for different colours. They are not meant for specification purposes.

ROCATEX

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This information is offered without guarantee. Our Company policy is one of continuous research and development, we therefore reserve the right to update this information at any time without prior notice. We guarantee the consistent high quality of our products, however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof. If in doubt, conduct a small test or obtain further technical advice.

TECHNICAL DATA

Conformity - low modulus
 Conformity - movement capability
 Conformity - non-staining
 Application temperature (sealant & substrate)
 Temperature stability range (fully cured sealant)
 Skin forming time (23°C/50% r.F)
 Cure rate (within first 24 hours)
 Resistance to microorganism (ISO 846)
 Density (DIN EN ISO 2811-1)
 Penetration (DIN 51579 / 5 sec.)
 Slump (ISO 7390)
 Shore A hardness (DIN 53505)
 Tensile strength (ISO 8339-A, 100%)
 Volume loss (DIN EN ISO 10563)
 Shelf life

Colours


ISO 11600 F&G 25 LM
 50% (ASTM C 920)
 ISO 16938-1, ASTM C 1248
 5°C to 35°C
 -40°C to 150°C
 app. 30 min
 min. 2 mm
 0 or 1
 1,42 ± 0,04 g/cm³
 160 ± 30 1/10 mm
 ≤ 2 mm
 15 ± 5 units
 app. 0,4 N/mm²
 max. 4 %
 24 months

Translucent


ISO 11600 F&G 25 LM
 25% (ASTM C 920)
 ISO 16938-1, ASTM C 1248
 5°C to 35°C
 -40°C to 150°C
 app. 15 min
 app. 3 mm
 0 or 1
 1,03 ± 0,03 g/cm³
 140 ± 30 1/10 mm
 ≤ 2 mm
 20 ± 5 units
 app. 0,4 N/mm²
 max. 4 %
 24 months

DECLARED PERFORMANCE

Colours

 16 0432
Rocatex Ltd DoP No. 020
EN 15651-1: Type F ext/int CC (F25LM) EN 15651-2: Type G - CC (G25LM) EN 15651-3: Type S (XS1)

Translucent

 16 0432
Rocatex Ltd DoP No. 021
EN 15651-1: Type F ext/int CC (F25LM) EN 15651-2: Type G - CC (G25LM) EN 15651-3: Type S (XS1) EN 15651-4: Type PW ext/int CC (PW25LM)

HEALTH & SAFETY



Colours: Contains 2-butanone oxime and a biocide: Carbendazim, silver.
 May produce an allergic reaction.

Translucent: Contains 3-aminopropyltriethoxysilan and a biocide: OIT.
 May produce an allergic reaction.

Harmful if swallowed. Avoid contact with skin and eyes. In the case of contact with eyes, flush immediately with water and seek medical attention. Use in well ventilated areas. Keep out of reach of children. Do not breathe in vapour. Qualified medical attention should always be sought.

For further information, please request the relevant Material Safety Data Sheet for this product.