



# GS Sanitary Silicone

**A low modulus, acetoxy curing, anti-mould, sanitary silicone sealant, 310ml**

- High performance anti-fungal technology - protects against mould, mildew and bacteria
- Easy to tool and permanently flexible - movement capability up to 25%
- Very good adhesion to most surfaces (plastics, tiles, paint, glass, metals etc.)
- Good UV resistance - anti-ageing and weather resistant
- High abrasion resistance



## DESCRIPTION

A low modulus, acetoxy curing, anti-mould, sanitary silicone sealant. Suitable for bathrooms, kitchens, showers, wetrooms, tiling, plumbing, sanitary and glazing. 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 15 minutes. Do not apply in temperatures below 5°C or above 35°C. Rocatex GS Sanitary Silicone must not be used in aquarium construction, on marble/natural stone, as a mirror adhesive or for underwater applications.

## 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.

## TECHNICAL DATA

Movement capability	25% (ASTM C 920)
Application temperature (sealant & substrate)	5°C to 35°C
Temperature stability range (fully cured sealant)	-40°C to 180°C
Skin forming time (23°C/50% r.F)	app. 15 min
Cure rate (within first 24 hours)	app. 3 mm
Resistance to microorganism (ISO 846)	0
Density (DIN EN ISO 2811-1)	0,99 ± 0,04 g/cm <sup>3</sup>
Penetration (DIN 51579 / 5 sec.)	150 ± 30 1/10 mm
Slump (ISO 7390)	≤ 2 mm
Shore A hardness (DIN 53505)	19 ± 5 units
Tensile strength (ISO 8339-A, 100%)	app. 0,4 N/mm <sup>2</sup>
Shelf life	24 months

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## 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.

## DECLARED PERFORMANCE

 <b>16</b> <b>0432</b>
<b>Rocatex Ltd</b> <b>DoP No. 022</b>
<b>EN 15651-2:</b> <b>Type G - CC (G25LM)</b> <b>EN 15651-3:</b> <b>Type S (S1)</b>

## HEALTH & SAFETY



Contains a biocide: 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT).

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 Material Safety Data Sheet for this product.