

SILICONE SEALANT

HIGH MODULUS SILICONE ELASTOMER



DESCRIPTION:

Silicone sealant is a one part elastomer with excellent mechanical properties. Contains a fungicide for lasting protection against mildew. Being non slumping and thixotropic this product is suitable for horizontal and vertical joints.

Gives excellent adhesion to ceramics and vitreous enamel.

LIMITATIONS:

Unsuitable for fixing mirror tiles. Cannot be overpainted.

PREPARATION:

Ensure all surfaces are clean and dry and prepared immediately prior to application.

SURFACE PRIMERS:

None required for general kitchen and bathroom applications. However previous trials should always be made to ensure compatibility of product to applications.

APPLICATION:

Sealant should be gunned into the joint as a continuous bead ahead of the nozzle to ensure complete filling of the joint.

Smooth with a wet spatula giving a concave profile to the joint surface.

In hot humid conditions, smoothing should be done more frequently as the silicone will rapidly skin over.

MAINTENANCE:

Tiles should be maintained with Granfix EasiCare products.

PACK SIZES: 310ml Plastic Cartridge.

COLOUR: Translucent, White, Ivory and Soft Cream.

STORAGE: Store unopened in cool dry conditions. Keep clear of the ground.

SHELF LIFE: Stored correctly, this product has a shelf life of 12 months from the date shown on the packaging.

TECHNICAL DATA:

Specific Gravity: 1Kg per Litre

Application temperature: Between 5°C and 30°C

Service Conditions: -20°C to +50°C

**Note: All times refer to site conditions of 20°C. These times will be increased at lower temperatures and reduced at elevated temperatures.*

UNCURED STATE:

Cure Type: Acetic

Skin Time: 5 minutes

CURED STATE:

Mechanical properties of 2mm film according to test method NFT 46 007

Tensile Strength (MPa): 2.0

Elongation at Rupture (%): 450

100% Modulus (MPa) 0.5

Shore A Hardness approx. 31

Tensile Strength (MPa): 0.8

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