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flexothane 27

Single Component Hybrid Construction Sealant

flexothane 27 is a thixotropic isocyanate, VOC-free moisture-curing sealant, based on Hybrid technology. It is a filled system that offers moisture and oxidation resistance and provides good adhesion to cementitious and steel substrates.

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Advantages

- One-component, easy to gun
- Non-sag consistency
- Non-tack/does not pick up dirt
- Good adhesion on the most common construction materials
- Over paintable with water or solvent based paints
- Good weathering and ageing properties
- Can be applied vertically or horizontally

Properties

100% Modulus (MPa)	0.25 - 0.40
Tensile strength (MPa)	0.80 - 1.50
Elongation at break (%)	>600
Shore A	25 ± 5
TVOC	Complies
Density	1.4 (Cured)
Skin Cure	1 - 2 Hours cure time (dependent upon thickness, % RH and temperature)
Cure Rate	± 2 mm per day (dependent upon relative humidity and temperature)
Application temperature	5 °C to 35 °C
Shelf Life	12 Months from date of manufacture
Movement Capability	50% of initial joint width
Pack Size	600 ml sausage



EASY TO GUN



GOOD ADHESION



NON-SAG CONSISTENCY

Available colours

GREY



Coverage

THEORETICAL COVERAGE FOR ESTIMATING PURPOSES	
Joint Dimensions (mm)	Metres per 600 ml sausages
20 x 12	2.50
12 x 12	4.17
6 x 6	16.67

Application

Place sausage in the barrel gun cut the end off the sausage, and fit the nozzle; trim the tip to suit the joint spacing to be filled. Insert backing rod to the correct depth. Gun the product into clean joints that are free of loose material and laitence, then smooth with a dry spatula. The joint width should be designed to accommodate the expected movement, width to depth ratio of 2:1 should be respected and a minimum width of 6 mm and a maximum of 20 mm should be adhered to. Backing cord/Bond Breaker should be used depending on the application, to prevent three-sided adhesion.

SILICONES, SEALANTS & ADHESIVES PRODUCT SELECTOR

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We strive to innovate the advanced materials to help you gain longer lifecycles, prevent breakdowns and ensure long-term reliability and performance.

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