

JOINT SEALER 525

SINGLE COMPONENT POLYURETHANE SEALER

DESCRIPTION

JOINT SEALER 525 is a thixotropic, solvent free, moisture curing sealant. It is a filled system that has moisture and oxidation resistance and exhibits good adhesion to cementitious and steel substrates.

APPLICATIONS

JOINT SEALER 525 can be used as a general joint sealer and crack filler on cementitious surfaces. It provides medium chemical, wear and corrosion resistance, while at the same time curing to a 25 Shore A hardness (+/- 5 Shore A). A degree of colour change with time is to be expected. It is not recommended for use in water retaining structures.

TECHNICAL DETAILS

Appearance	Paste
Colours	Grey, White, Black, Beige, and custom on request
100% Modulus (MPa)	0.35 - 0.45
Tensile Strength (MPa)	1.10 – 1.30
Elongation at break (%)	>200
VOC	Complies
Solids content	100%
Density (Cured)	1.4
Skin cure	1 – 2 hours (dependent on thickness, % RH and temperature)
Cure Rate	2mm per day
Application Temperature	5 - 35°C
Service Temperature	60°C, dry
Storage	<25°C
Movement Capacity	25% of joint width
Chemical Resistance	Dilute acids, dilute alkalis and general chemicals
Pack size	600ml sausage
Cleaning	Solidkote 503 PU Thinner

SAFETY

Contact with the skin should be avoided by wearing gloves, eye protection and protective clothing. In case of eye contact wash well and obtain medical advice. The product contains a low level of free isocyanate.

DIRECTIONS

PREPARATION

All surfaces to be clean, sound and free of moisture and dust. Joints must be blown clean and dried with hot air if necessary. Remove dust, laitance and oil from all surfaces.

APPLICATION

Place sausage in the barrel gun, cut end off of 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 laitance, smooth with a dry spatula. The joint width should be designed to accommodate the expected movement, a width to depth ratio of 2:1 should be respected and a minimum width of 6mm should be adhered to and a maximum width of 20mm (10mm depth).

A light damp cloth should be used to smooth off the surface of the Joint Sealer to give a smooth uniform finish.

CLEANING

Clean all tools and equipment immediately after use with a PU Thinners, as the cured material is very difficult to remove.

WATCH POINTS

NOTE: No other solvents should be used in the cleaning or smoothing of the Joint Sealer that has been applied except a light damp cloth with clean water.