

JOINT SEALER 525

Single Component Polyurethane Sealer

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.

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 6 mm should be adhered to and a maximum width of 20 mm (10 mm depth).

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

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	2 mm 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	600 ml sausage
Cleaning	Solidkote 503 PU Thinner

CLEANING

Place 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.

HEALTH AND 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.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS No.85 of 1993. The finished system is not hazardous to health or the environment.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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