

Urochem 525

ONE-PART 25 SHORE A' HYBRID SEALANT

DESCRIPTION

Urochem 525 is a thixotropic isocyanate and, solvent and VOC free moisture curing sealant, based on Hybrid technology. It is a filled system that has moisture and oxidation resistance and exhibits good adhesion to cementitious and steel substrates.

PRODUCT APPLICATION

- **Urochem 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.
- Although not recommended for use in water retaining structures, the use of **Urochem 525** is suited to use in canals where water pressures are much less
- If applied to natural stone, we recommend the use of **Urochem 105 Primer**.
- **Urochem 525** is overcoatable, however the coating will crack as it will not accommodate the same movement as the sealant.
- It is recommended to do a compatibility test prior to application or painting.

SURFACE PREPARATION

- All surfaces to be clean sound and dry, free of moisture, dust, laitance, and oil.
- If used in severe or damp conditions prime with **Urochem 106**.

APPLICATION

Place sausage in the barrel gun, cut end off 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 and smooth with a dry spatula. The joint width should be designed to accommodate the expected movement, the joint ratio for 6 – 10mm wide joints is 1:1 thereafter a ratio of 2:1 should be respected.

Note a minimum width of 6mm and a maximum of 20mm should be adhered to. Backing cord/Bond Breaker should be used to prevent three-sided adhesion.

CLEANING

Clean all tools and equipment immediately after use with **Urochem 901**.

SAFETY

Contains organic solvents which are flammable. Do not use in confined spaces. Ensure adequate ventilation and the absence of any ignition source. Wear protective clothing. In case of eye contact wash well with water and obtain medical advice.

Please refer to product MSDS for further information.

APPROXIMATE COVERAGE

Joint Dimension:	LM per 600ml:
6 x 6mm	16.6
8 x 8mm	9.38
10 x 10mm	6
12 x 6mm	8.3
15 x 8mm	5



Urochem Trading (Pty) Ltd

Unit XP2, AEL Industrial complex, Cnr Ecqip and Weighbridge
Modderfontein, Gauteng; 1645

(+27) 11 608 2073 • www.urochem.co.za

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TYPICAL PROPERTIES – AS PER UROCHEM QC

The below properties are based on in-house testing methodologies.

Mixing Ratio	Single component
Skin over time	1-2 Hrs dependant on RH, temp & thickness
Practical Cure	± 2mm per day dependant on RH & temp
Hardness	± 25 Shore A
Movement accommodation	25% of initial joint width
Tensile strength	0.5 – 1 Mpa
Elongation at break	>500 %
Colour	Grey, colours available on order
Density	1.4 Cured
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C
Service Temp.	-20°C to +60°C Dry
Pack Size	600ml sausages
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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