

# 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. It is not recommended for use in water retaining structures. 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

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.

### APPROXIMATE COVERAGE

Joint Dimension:	LM per 600ml:
6 x 6mm	16.6
8 x 8mm	9.38
10 x 10mm	6
12 x 6mm	8.33
15 x 8mm	5



#### Urochem Trading (Pty) Ltd

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#### TYPICAL PROPERTIES – AS PER UROCHEM QC

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

<b>Mixing Ratio</b>	Single component
<b>Skin over time</b>	1-2 Hrs dependant on RH, temp & thickness
<b>Practical Cure</b>	± 2mm per day dependant on RH & temp
<b>Hardness</b>	± 25 Shore A
<b>Movement accommodation</b>	25% of initial joint width
<b>Tensile strength</b>	0.5 - 1 Mpa
<b>Elongation at break</b>	>500 %
<b>Colour</b>	Grey, colours available on order
<b>Density</b>	1.4 Cured
<b>Shelf Life</b>	12 Months
<b>Application Temp.</b>	5 - 35°C
<b>Service Temp.</b>	-20°C to +60° C Dry
<b>Pack Size</b>	600ml sausages
<b>Cleaning</b>	<b>Urochem 901</b>
<b>Storage</b>	Store in a cool dry place - Do not freeze

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