Urochem 515

ONE-PART 15 SHORE A' HYBRID SEALANT

DESCRIPTION

Urochem 515 is a high-performance low modulus moisture curing sealant, based on hybrid technology which is both isocyanate and VOC free. It has a good cure rate, excellent moisture, and oxidation resistance, and exhibits excellent adhesion to cementitioussubstrates, asphalt, brick, stone, steel, wood, and ceramic tiles. It has an extremely low modules and high elongation and is recommended for use in areas where extreme movement is anticipated. (50% of initial joint width)

PRODUCT APPLICATION

- **Urochem 515** can be used as a joint sealer and crack filler on various surfaces and will provide excellent movement accommodation. It can be used externally in road joints if it is recessed by 5mm to avoid tyre wear. It provides medium chemical, wear and corrosion resistance, while at the same time curing to a 15 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 515** is overcoatable, however the coating will crack as it will not accommodate the same movement as the sealant. It is recommended that a compatibility test is done 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 prepared 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 50mm should be adhered to.*** A backing cord/bond breaker should be used depending on application, to prevent three-sided adhesion.

CLEANING

Clean all tools and equipment immediately after use with **Urochem 901**, as the cured material is very difficult to remove.

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
Manufacturers of joint sealants & construction chemicals

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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	± 5 Shore A
Movement accommodation	50 % of initial joint width
Tensile strength	0.5 - 1 Mpa
Colour	Grey, colours available on order
Density	1.4 Cured
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C (Depending on environment and substrate)
Service Temp.	-10°C to +60°C
Pack Size	600 ml sausages
Cleaning	**Urochem 901**
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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