

# R 8 CP

## Polyurethane tack coat

### DESCRIPTION

R 8 CP is a polyurethane based, two component 'tack' coat specifically formulated for use with R 10 CP Coving and Wall Render. R 8 CP provides excellent adhesion to porous and non porous substrates including concrete, brick and block work.

### FEATURES

- Seals the substrate porosity
- Suitable for porous and non porous substrates
- Supplied in pre-measured packs for ease of mixing and consistency at site
- Low VOC

### PHYSICAL PROPERTIES

R 8 CP @ 27 ± 1°C

Application temperature	> 5°C
Pot life	20 mins
Bond strength	> 1.5 N/mm <sup>2</sup>
Max. over coat time	8 hours
VOC Content	14 g/l

### COVERAGE ESTIMATES

Pack Size	Coverage
2.40 kg	Approx. 8 - 12 m <sup>2</sup> depending on the porosity of the substrate
Part A 1.70 kg	
Part B 700g	

### APPLICATION INSTRUCTIONS

#### Surface Preparation

The substrate must be hard, sound and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agents, laitance, adhesive residues, etc., that will inhibit adhesion to the substrate. All surfaces must be thoroughly mechanically prepared, cleaned and made good to ensure a good mechanical key and adhesion.

Use a suitable degreaser to remove polish, wax, grease, oil and similar contaminating substances prior to mechanical preparation. Contaminated concrete surfaces should be mechanically prepared, either by scabbling, grinding or contained shot blasting equipment or similar, and be vacuumed clean prior to applying R 8 CP. Overwatered or otherwise weak concrete surfaces must also be suitably prepared down to sound, solid concrete by mechanical methods. Dust and other debris should be removed using vacuum equipment.

**NOTE:** Any joints or cracks in the concrete base where differential movement is anticipated e.g. movement joints, should be brought through to the finished surface and suitably sealed. New concrete slabs must be allowed to cure for at least 14 days.

### Mixing

Before commencing, stir Part A and Part B individually. In a suitable mixing vessel, pour Part A and start mixing with a slow speed drilling machine fixed with a mixing paddle, add Part B and continue mixing to obtain a homogeneous mix. One or more packs may be mixed at the same time in order to maintain a quick rate of installation.

### Application

The mixed product has a limited pot life and therefore should be applied to the substrate using a brush or short / medium pile roller without delay. One or more coats may be necessary to compensate for surface porosity. The first coat of R 8 CP must be left to cure before applying the subsequent layer. The mixed R 8 CP should be applied when the tack coat has developed sufficient 'tack' to prevent the wall render from sliding or sagging. Vertical surfaces must be of a rigid construction to resist deflection during the application process.

This time will vary depending upon the condition of the surface and the ambient temperature. Provision for ventilation and air movement will be required. When using new rollers, ensure that all loose fibres are removed prior to use.

### LIMITATIONS

- R 8 CP should only be applied at temperature above 5°C and where the atmospheric relative humidity (RH) is 90% or below. Substrates should be dry and not affected by rising dampness.
- Once the mixed material has exceeded its pot life, the viscosity and the characteristics of the product will change and any unused product should be discarded at this time.

### CLEANING

R 8 CP can be removed from tools and equipment by using RTC 100 immediately after use. Any hardened material will need to be removed mechanically.

### STORAGE AND SHELF LIFE

R 8 CP has a shelf life of 6 months if kept in a dry, clean store between 5°C and 30°C in the original unopened container. The product should be protected from frost, away from direct sunlight and sources of heat.

### PRECAUTIONS

During mixing and application the following precautions should be observed: Ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and by using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water. Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to resin-based materials. Always wear gloves and eye/face protection as necessary.

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Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

### DISPOSAL/SPILLAGE

Spillage of the product should be absorbed onto sand or other inert materials and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

For further information please refer to the Material Safety Data Sheet.

### CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

### NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



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