



R 8 CP

Polyurethane Tack Coat

POLYURETHANE PRIMER FOR R 10 CP COVING AND WALL RENDER SCREED

Features

Low VOC

Easy application by roller or brush

Indian Green Building Council
M E M B E R

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DESCRIPTION

R 8 CP is a two component 'tack' coat specifically formulated for use with ARDEX ENDURA R 10 CP Coving and Wall Render. R 8 CP provides excellent adhesion and is suitable for use on concrete, brick and blockwork etc. Where surfaces are very porous, the first coat of R 8 CP must be left to cure before applying the subsequent layer. Vertical surfaces must be of a rigid construction to resist deflection during the application process.

SUBSTRATE PREPARATION

The concrete or screed 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

The individual content of R 8 CP should be thoroughly stirred before being mixed together. The entire content of Part A should be poured into a large vessel so that the Part B can be accommodated. Mix the two component thoroughly to ensure a smooth and consistent mix is achieved.

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 mixed R 8 CP should be applied when the tack coat has developed sufficient 'tack' to prevent the wall render from sliding or sagging.

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 temperatures above 5°C and where the atmospheric relative humidity (RH) is 90% or below. Floors should have a RH of 75% or less. The substrate should have a surface tensile strength of at least 1.5 N/mm². R 8 CP may be applied to substrates of a lower strength, but long-term performance may be impaired. 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 ARDEX ENDURA RTC 100 immediately after use. Any hardened material will need to be removed mechanically.

PROPERTIES

The values shown are typical of results obtained in the laboratory at 27 ± 1°C. Actual performance values obtained on site may vary from those quoted.

PHYSICAL PROPERTIES

R 8 CP @ 27 ± 1°C

Pot life 20 mins

Max. over coat time 8 hours

COVERAGE ESTIMATES

Pack size	Coverage
2.40kg	Approximately
Part A 1.70kg	8 - 12 m ² depending
Part B 700g	on the porosity of the background

NOTE: These figures are theoretical, due to the wastages and the variety and nature of substrates practical coverage figures may be reduced.

STORAGE AND SHELF LIFE

R 8 CP has a shelf life of 6 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. 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 (do not use solvents). 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. 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 any of the component products 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 Product 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.