

P 82

Water dispersed epoxy primer

DESCRIPTION

P 82 is a two-part water based epoxy primer and bonding agent for interior areas which is non-flammable and non-corrosive. P 82 forms a priming/bonding layer on most substrates, particularly smooth and dense surfaces. P 82 can be used as a primer and bonding agent prior to the application of the ARDEX ENDURA range of cement based products.

USES

- Used as a primer and bonding agent for use with cement based flooring systems
- Used on power floated concrete, pre-cast concrete, terrazzo, glazed ceramic and quarry tiles.
- Used to prime hard flooring grade asphalt, rigid metal, hard and sound paint thickness coatings, as well as traces of sound adhesive residues on dense impervious surfaces.
- Used for priming wood and wood-based panels prior to apply cement based products.

FEATURES

- Good adhesion to dense, impervious surfaces
- Non-flammable
- Non-corrosive

PHYSICAL PROPERTIES

P 82 @ 27± 1°C

Appearance	
Part A	Red coloured liquid
Part B	White coloured liquid
Drying time	
Tack time	6 hours
Full Cure	24 hours
VOC Content	32 g/L

COVERAGE ESTIMATES

Pack size	Coverage
6 kg	approx. 30 to 60 m ²
Part A 3 kg	
Part B 3 kg	

APPLICATION INSTRUCTIONS

Substrate Preparation

Substrate to be treated with P 82 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 P 82. 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.

Mixing

Shake individual containers well before use. In a clean mixing vessel, add Part A and Part B and mix well to form a pink liquid.

Application

P 82 must be applied in a thin even coat using a foam or short pile paint roller, paint brush or squeegee, taking care to prevent the formation of puddles. On smooth impervious substrates application by squeegee will quickly and effectively give a very thin film.

Leave the coating of P 82 to dry to a clear, tacky film - usually 3 to 6 hours with a paint roller or brush application, 1 to 3 hours with a squeegee, depending on substrate, temperature and ventilation. If in doubt leave overnight. Once dried, the primed surface is ready for overlaying however, if left for more than 4 days, a repeat application of the P 82 will be necessary.

CLEANING

Mixing and application tools should be cleaned with water immediately after use before the primer dries.

STORAGE & SHELF LIFE

P 82 has a shelf life of 12 months if kept in a dry, clean store in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

PRECAUTIONS

Contains epoxy resin and Aliphatic Polyamine which is irritating to eyes and skin and may cause sensitisation by skin contact. Avoid contact with the eyes. Wear suitable gloves and eye/face protection. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. After contact with the skin, wash off immediately with plenty of soap and water and then apply moisturising cream. Keep out of the reach of children.

DISPOSAL/SPILLAGE

Spillage of the product components 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.

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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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