



ARDEX R 2 E

(Previously ARDEX R 2 PE)

Solvent Free Epoxy Primer

Solvent Free

Enhances the bonding strength with substrates



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ARDEX R 2 E

Solvent Free Epoxy Primer

DESCRIPTION

ARDEX R 2 E (previously ARDEX R 2 PE) Solvent Free Epoxy Primer is a two component non-solvent Epoxy resin special formulated to be used as a primer to the application of ARDEX Self-leveling Epoxy system Where surfaces are very porous, more than one coat of R 2 E primer may be required to achieve the desired bonding efficiency.

For applications on new concrete or where the relative humidity (RH) of the substrate is in excess of 75%, ARDEX DPM (Damp Proof Membrane) should be used. If the substrate is particularly smooth the surface of R 2 E primer should be broadcast with 40-70 mesh fine aggregate immediately after application to give a mechanical key to facilitate installation of resin leveler, screed and topping.

SUBSTRATE PREPARATION

The concrete or screed substrate must be hard, solid and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agent, laitance, adhesive residues etc., that will inhibit adhesion to the substrate Use 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 2 E Solvent free epoxy primer.

Note: movement joints should be brought through to the finished surface and suitably sealed. New concrete slabs must be allowed to cure for at least 28 days.

MIXING & APPLICATION

The individual components of R 2 E Primer should be thoroughly stirred before being mixed together.

Mixing ratio is fixed at 10kg hardener (part B) to 20kg main component (part A). Mixing bucket should be clean and use a heavy-duty slow speed drill and spiral paddle to mix; mixing time should be no less than 3minutes.

Once mixed, the material should be spread over the floor as self-heating in the container will reduce working time. Apply using a brush or short/medium pile roller. One or more coats may be needed to ensure that a uniform coating is achieved and to compensate for differences in surface porosity.

In case ARDEX R 2 E would receive cementitious leveler or other cementitious materials, R 2 E should be sand broadcasted when it's still wet as mechanical anchor.

COVERAGE

Per(10+20kg) set can cover approx.60-100m², substrate smoothness & porosity & sand broadcasting will affect the actual consumption.

PACKAGING

Part A / main component 20kg/bucket
Part B / hardener 10kg /bucket.

STORAGE & SHELF LIFE

Store in dry conditions, avoid sunlight, Epoxy primer has a storage life of not less than 24 months in the original unopened containers.

NOTE

Epoxy product can be irritating to the eyes and skin and may cause sensitization by contact. They are considered harmful in contact with the skin and if swallowed. During mixing and application ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Always wear protective gloves and protective glasses throughout the whole process. Keep away from the children.

PHYSICAL PROPERTIES

Working time: 35min at 23°C
Walk ability: 8-10 hours(23°C)
Ready for floor coating: 24 hours

The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, 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. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations.