



ARDEX R 3 E

Moisture Tolerant Epoxy Primer

Easy to apply

For internal and external use

Seal substrate and act as an adhesive bridge

For use with ARDEX PU, epoxy and cement-based



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ARDEX R 3 E

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Moisture Tolerant Epoxy Primer

DESCRIPTION

ARDEX R3E Moisture Tolerant Epoxy Primer is a two component solvent free epoxy resin for use on concrete and cementations surfaces that have damp surfaces (e.g. from water spillages or rain) prior to installing ARDEX polyurethane screeds and self-smoothing epoxy floor coatings.

Also ideal for use with ARDEX K320 Industrial Floor System.

Blind with ARDEX Fine aggregate and use as a primer prior to applying thick applications of the ARDEX K320 Industrial Floor System or other appropriate ARDEX cement-based products.

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 R3E moisture tolerant epoxy primer.

MIXING & APPLICATION

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.

COVERAGE

Approximately 45m² per unit.

PACKAGING

Part A 11.25kg +Part B 6.75kg

CAUTION

Do not use ARDEX R3E Moisture Tolerant Primer in situations where use of an ARDEX DPM is indicated.

PHYSICAL PROPERTIES

Working time (23° C): 20 mins

Walk ability (23° C): 6-8 hours

ARDEX R3E should be allowed to cure prior to the installation of the final floor finish, typically 24 hours at 23° C.

CAUTION:

Do not use ARDEX R3E Moisture Tolerant Primer in situations where use of an ARDEX DPM is indicated.

PRECAUTIONS:

Can be irritating to the eyes and skin, and may cause sensitization by contact. Harmful if swallowed.

During mixing and application 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 a suitable barrier cream. 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.

For the latest health and safety information on this product consult the current health and safety data sheet.

The technical details, recommendations and other information contained in this datasheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable National or Local Standard, our instructions & recommendations, and only for the uses they are intended. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations. Our Company policy is one of continuous Research & Development; we therefore reserve the right to update this information at any time without prior notice. We 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. The supply of our products and services is also subject to certain terms, warranties & exclusions; these details will be made available to you on request. You should make yourself familiar with them.