



ARDEX P 82

Water Based Epoxy Primer and Bonding Agent

- Designed for priming smooth and impervious surfaces such as terrazzo, glazed ceramics, quarry tiles, metal, sound paint coatings, porcelain tiles and even flooring grade asphalt
- For dry and intermittently damp internal locations



DESCRIPTION

ARDEX P 82 is a two-component water based epoxy synthetic dispersion primer and bonding bridge. It is non-flammable and non-corrosive.

USE

ARDEX P 82 forms a priming/bonding layer on most known substrates, especially smooth or dense surfaces. For interior use only and in dry or intermittently damp locations. ARDEX P 82 can be used as a primer and bonding bridge prior to the application of the ARDEX range of cement-based tiling and flooring products.

SUBSTRATE PREPARATION

Surfaces must be firm, sound and free from dust, dirt, water soluble materials, excess adhesive residues and other barriers to adhesion. Polish, wax, grease etc., should be removed prior to suitable preparation using mechanised equipment.

Where ARDEX P 82 Primer will be used in conjunction with moisture sensitive floorings, the substrate must be dry i.e. have a Relative Humidity of no greater than 75% and where appropriate be protected by a functioning damp proof membrane.

Use ARDEX P 82 on terrazzo, glazed ceramics, quarry tiles and porcelain. Ensure all surfaces to be primed are clean and free from surface curing agents, sealants, wax, grease or other barriers to adhesion. ARDEX P 82 can also be used to prime hard and prepared flooring grade asphalt, rigid metal, hard and sound paint coatings, as well as traces of sound adhesive residues on dense impervious services. ARDEX P 82 is also suitable for priming wood and wood-based panels prior to fixing ceramic tiles on walls and floors using the appropriate ARDEX cement based adhesive.

MIXING

ARDEX P 82 consists of two liquid components – one red, one white – these must be mixed in the ratio 1:1 by weight or volume to produce an even coloured pink liquid. The two components are an epoxy resin and an epoxy hardener. These are supplied in the exact proportions so the entirety of each component must be fully mixed together. Pour the required amount of Part A (red) into a suitably sized clean container and add an equal volume of Part B (white) and mix together with a slow speed electric drill and a suitable mixing paddle until a uniform pink colour is achieved.

Some of the mixed materials should be reintroduced back into both containers in order to activate any residue and then poured back into the mixing vessel and re-mixed. Mixing in this way will ensure product consistency and that any resin remaining in the containers after application will cure to make disposal easier, in accordance with local environmental regulations.

It is recommended that a mixing paddle is used for efficient mixing and that the bottom corners of the buckets are checked with a trowel for any unmixed material before application. The mixed primer has a working time of not more than 1 hour, AFTER WHICH TIME ANY UNUSED MIXED PRIMER MUST BE DISCARDED SAFELY

APPLICATION

ARDEX P 82 primer must be applied in a THIN even coat using a foam or short pile paint roller or paint brush, taking care to prevent the formation of puddles. Allow the applied ARDEX P 82 to become dry to a clear, tacky film - usually 3 to 6 hours, 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 or the film has lost its tackiness, a repeat application of the ARDEX P 82 primer will be necessary.

NOTE: Suitable protective equipment should be worn such as goggles and gloves during mixing and application, see precautions section below.

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CLEANING

Mixing and application tools should be cleaned with water immediately after use before the primer dries. Remove any splashes from skin before drying takes place, with warm soapy water. Avoid prolonged contact with the skin

PRECAUTIONS

Contains epoxide resin and Isophorone Diamine. Irritating to eyes and skin. 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, then apply moisturising cream. Keep out of the reach of children.

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

CONSUMPTION

100 - 200 g/m² depending on the surface to be primed and the method of application

GHS/CLP classification:

A & B Components, GHS 07 "irritant", Signal Word: Warning

GGVSEB/ADR:

None

PACKAGING

6kg unit consisting of 3kg of each component in plastic containers, or a 2kg unit consisting of 1kg plastic containers of each component. Store in a cool dry place. Protect from frost.

STORAGE AND SHELF LIFE

ARDEX P 82 has a storage life of not less than 12 months in the original unopened containers.