



ARDEX BRP 35 EP

2 Component Solvent Free Epoxy Bonding Agent & Adhesive

High Strength bonding adhesive

Perfect bond for new or old concrete

Excellent adhesion to most range of substrates

High early and final strength

Outstanding water and chemical resistant



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2 Component Solvent Free Epoxy Bonding Agent and Adhesive

DESCRIPTION

ARDEX epoxy bonding agent is a solvent-free epoxy resin compound specially formulated for the repair of faulty concrete, curing taken place even at low temperature and high humidity. The cured resin exhibits several outstanding properties, such as high mechanical strength, excellent adhesion to a wide range of substrates, outstanding resistance against water and chemicals, negligible shrinkage, etc.

USES

- For bonding or concrete crack repairing by V-cut method
- For grouting or anchoring
- For concrete repairing of flooring
- Adhesive for concrete, masonry, metal etc.
- For Monolithic construction joints between fresh and hardened concrete and steel

SURFACE PREPARATION

The substrate must be dry, clean and sound, free of dust. All loose particles, grease, cement laitance, curing compound or any other contaminants should be removed prior the application.

CONCRETE

Sandblast or other approved mechanical method.

METAL

Remove any rust and grease residues, sandblast to white metal.

MIXING

Mix part A and part B – 4 part : 1 part into a clean container. Mix thoroughly for 3 minutes with low speed drill until uniform consistency.
Mix the quantity required within its pot life.

APPLICATION

Apply the mix epoxy paste by brush or roller on both horizontal and vertical surface. Place the fresh concrete while Ardex epoxy bonding agent is still tacky.

COVERAGE

Approx. 0.25 – 0.4kg/m², depending on substrate condition.

TECHNICAL DATA

Colour	Grey
Mixing ratio	4 : 1
Density	~ 1.27 g/ml
Mechanical properties:	
Compressive Strength (28 days)	≥ 65N/mm ²
Bonding Strength (28 days)	Failure of concrete
Open Time @25°C	4 hours

PACKAGING

ARDEX Epoxy Bonding Agent comes in 20kg set metal pail.

STORAGE AND SHELF LIFE

ARDEX Epoxy Bonding Agent has a shelf life 24 months from date of production when stored in original unopened packaging.

SAFETY PRECAUTIONS

In case of contact with skin, rinse with plenty of clean water then wash with soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water, and then seek medical attention straight away, do not induce vomiting. For more information, please refer to the relevant health and safety data sheet (MSDS) which is available upon request and online.

DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development.

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