



ARDEX RA 242

Epoxy Putty

For repair, bonding, anchoring, sealing and crack filling works

Fast installation & drying

High bond, even on damp surfaces

Internal and external use



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DESCRIPTION

ARDEX RA 242 is a two component epoxy putty for repair, bonding, anchoring, sealing and crack filling. It comes as a thixotropic paste.

It is premixed with selected graded fillers, epoxy resins and additives which, when mixed, produce a high strength, impermeable and chemically resistant putty.

The resin/hardener is in different colour to provide visual confirmation of adequate and proper mixing on site.

APPLICATIONS

- Bonding precast concrete
- Anchoring of bolts and dowel bars
- Sealing of cracks
- Repair of concrete
- Overhead repair and vertical applications
- Bonding of dissimilar materials

FEATURES & BENEFITS

- High bond, even on damp surfaces
- Cures with undetectable shrinkage
- Speed of repair due to chemical reaction
- Impermeable to water, oil, petrol and chemical spillage
- Thixotropic paste
- Finished product is concrete grey in colour

SURFACE PREPARATION

As with all concrete repairs, it is essential to remove all grease, oil, dust and other loose materials.

Concrete substrates must be adequately prepared either by use of a suitable mechanical method such as scrubbing, grit blasting or needle gunning.

MIXING

Mix materials in the ratio of 2:1 (Part A to Part B) by weight until a homogenous grey colour is obtained.

Mechanical mixing is necessary, a low mixer is recommended.

CLEANING

The equipment should be cleaned with an

environmentally safe solvent, as permitted under local regulations, immediately after use.

COVERAGE

Approx. 1.85 kg - 1.95 kg will be used on 1 mm thick application.

TECHNICAL DATA

	Component A	Component B
Colour	white, homogenous paste	black, homogenous paste
Density	1.69 +/- 0.06	1.99 +/- 0.06
Mixing Ratio	2:	1
Chemical resistance	resists water, alkali and dilute mineral acids	
Pot Life	approx. 45 minutes @25°C	
Slump resistance	25mm @25°C	
Toxicity	non-toxic on curing	
Compressive Strength in N/mm ²		
	@35°C	@25°C
2 hrs	15	-
8 hrs	31	25
1 day	56	50
full cure	68	60
Flexural Strength	> 8.0 MPa @25°C (ASTM C580-2002)	

PACKAGING

ARDEX RA 242 is available in 2kg set consisting of Part A: 1.33 kg and Part B: 0.67 kg.

STORAGE AND SHELF LIFE

ARDEX RA 242 should be stored away from direct sunlight or heat before using as heat will shorten the pot life.

If stored correctly, as detailed above, the shelf life of this product is 12 months from the date shown on the packaging.

SAFETY PRECAUTIONS

ARDEX RA 242 materials are flammable and should be kept away from fire or naked flame. It

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should be handled with care and should not be allowed to remain in contact with the skin. In the event of contamination, the effected parts should be washed with water. If there is contact with the eye, flush with water and contact a doctor. Wear protective gloves. When used in confined areas, provide accurate ventilation. Equipment should be properly disposed. Keep the product out of the reach of children. The MSDS is available upon request and online at www.ardex.com.sg.

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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