



ARDEX RA 88

Multi-Purpose Epoxy Repair Adhesive

Non-sag - Perfect for overhead and vertical repairs

High strength - Stronger than concrete > 55Mpa

Trowelable and cures underwater

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Multi-Purpose Epoxy Repair Adhesive

DESCRIPTION

ARDEX RA 88 is a two component, high performance ceramic blend epoxy. No-drip, non-sag, repair adhesive perfect for horizontal, vertical and overhead use (trowelable). Fast cure time (approx. 2 hours) and when cured, over twice as strong as standard concrete. Ideal for use as a repair adhesive for almost any material, including metal, concrete, brick, wood, stone, block and other substrates. It can also be used for repairing holes, spalls and cracks in concrete, repairing rotted wood, installing anchor bolts and repairing hand rails.

INSTRUCTIONS

Always be sure the bonding surfaces are prepared in advance before starting a new cartridge or mixing product. If possible, schedule dispensing to consume an entire cartridge at one time with no interruption of epoxy flow. When bonding two surfaces together, make sure to completely fill all the gaps between the surfaces to be bonded.

SURFACE PREPARATION

Old concrete must be clean and profiled or textured. New concrete must be a minimum of 28 days old. Before using ARDEX RA 88, make sure that the surfaces to be bonded are sound and clean so there is no dust, dirt, grease, wax, oil, or any other contaminant present. Smooth surfaces should be mechanically roughened with a wire brush or sand paper before application.

CARTRIDGE SET-UP

1. Unscrew the plastic cap and remove the plug.
2. Place cartridge into a heavy-duty caulking gun.
3. Dispense a small amount of product into a disposable container until both materials flow evenly from the cartridge.
4. Attach mixing nozzle to cartridge and dispense a small amount of material until a consistent colour with no streaks is obtained.

Cartridge is fully dispensed when plunger reaches halfway.

CURING

ARDEX RA 88 can receive paint or other architectural coatings after curing for a minimum of 2 to 3 hours, and can be opened to full traffic after 2 to 3 hours or after the coating has cured, whichever is longer.

SPALL PATCHING APPLICATIONS

WARNING: Use ARDEX RA 88 for SMALL SPALL REPAIRS ONLY.

A deeper or larger mass than recommended will generate excessive heat which can result in swelling of the repair, smoking, and possibly cracking from the high heat generated by the chemical reaction. For ARDEX RA 88, the spall should be ground down to at least 13mm, but no greater than 16mm deep and a maximum of 76mm wide. Avoid a feathered edge by cutting around the spall into sound concrete with a grinder or circular saw using a diamond or concrete abrasive blade so the entire depth of the spall is consistent. Follow surface preparation instructions to clean spall area. For patching concrete or wood surfaces, fill the void with the ARDEX RA 88 epoxy to just above the surface level and trowel flush.

APPLICATION TEMPERATURE

Substrate and ambient air temperature should be between 4°C and 38°C. When the work environment or substrate falls below 21°C, condition the product to 21°C – 24°C prior to use. Cold product may become too thick; product that is too warm will react faster than normal.

CLEAN UP

Clean tools and equipment with white spirits, mineral turps or aerosol dewatering agent or lubricant. Do not allow epoxy to harden on equipment.

COVERAGE

A 254mL cartridge will yield approximately 6 linear metres with a bead thickness of 6x6mm.

PACKAGING

ARDEX RA 88 is sold in a 254mL cartridge.

SHELF LIFE

24 months if unopened or properly resealed for future use.

PLEASE PAY ATTENTION TO THE FOLLOWING

ARDEX RA 88 can be used to replace a pool tile underwater. Apply adhesive to the dry tile and adhere to side wall or bottom surface of the pool. Hold in place for a few minutes. ARDEX RA 88 is heavier than water and is not recommended for vertical crack or spall repair underwater.

Do not thin with solvents, as this will prevent cure.

SAFETY PRECAUTION

This product is considered hazardous. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Avoid exposure – obtain special instructions before use. Do not empty into drains. This material and its container must be disposed of in a safe way. Harmful in contact with skin and if swallowed. Causes burns. Risk of serious damage to eyes. SENSITISATION by skin contact. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Store as per Material Safety Data Sheet. In case of accident or if you feel unwell, IMMEDIATELY contact Doctor or Poisons Information Centre. Refer to special instructions / safety data sheet.

FIRST AID

If swallowed, drink plenty of water in small portions, do not induce vomiting and seek medical advice. In case of eye contact, rinse with plenty of clean water for at least 15 minutes and seek medical advice. If skin contact occurs, wipe off and wash skin with running water and soap. In case of inhalation, supply fresh air. In case of any symptoms, see a doctor.

TECHNICAL DATA

Colour:	Grey
Consistency/Viscosity:	Non-sag
Gel Time (+24°C):	8 minutes
Working Time (+24°C):	20 minutes
Cure Time (+24°C):	2 hours
Compressive Strength 7 days:	55.2 MPa
Bond Strength 2 days:	7.8 MPa
Bond Strength 14 days:	11.7 MPa
Heat Deflection Temp.:	57.2°C
Volatile Organic Compounds (VOC):	60 g/L

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet 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 Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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