



TECHNICAL DATA SHEET

AQUA-CRETE 2K (Liquid)

Waterproofing Admix & Flexible Bonding Agent



Description:

Aqua-Crete 2K (Liquid) is a highly flexible latex admix engineered to give waterproofing properties to cement-based tile adhesives. Mixed with cement-based tile adhesives to improve their performances and deformability to meet the requirement of Class C2S2 adhesives suitable for internal and external tile and stone installations. Tile adhesives mixed with **Aqua-Crete 2K (Liquid)** will have enhanced water resistance, flexibility, durability and help prevent efflorescence. Aqua-Crete 2K (Liquid) can also be used as a bonding agent for screeds.

Technical Notes: After 28 days mixed with Aqua-Crete 2K (Liquid)

TENSILE STRENGTH (TS)	≥ 1.00 MPa
TS, 21 DAYS IMMERSED	≥ 1.00 MPa
TS, 14 DAYS HEAD AGEING	≥ 1.00 MPa
TRANSVERSE DEFORMATION	≥ 5.00 mm

Available packaging: 1L pouch, 5L and 20L bucket

Surface Preparation:

All substrates must be clean and free from laitance, curing compounds, dirt, dust, grease, oil and any other contaminants that may inhibit bond. All substrates should be washed with clean water just prior to the application of the prepared mortar. **Aqua-Crete 2K (Liquid)** can be applied to damp surfaces when mixed with the appropriate mortar.



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Mixing:

Tile adhesive admix: For best results use full strength or dilute 1:1 ratio with clean water. Add **Aqua-Crete 2K (Liquid)** to a clean mixing pail and slowly add the adhesive powder. Use a slow speed mixer, one that does not entrap air into the mix. Mix to a smooth creamy consistency for 2 minutes, then allow to stand/slake for 5 minutes before remixing just prior to use.

Screed and render admix: Dilute 1:5 ratio with clean water for an additive to screeds and renders.

Precautions and Limitations:

This additive may not be suitable for water sensitive tile or stone and some waterproof membranes such as full polyurethane, bitumen or torch on membranes. Always consult the manufacturer of these materials prior to starting the project. Do not use on tongue and groove timber or timber that is affected by moisture. In general, all timber should be overlaid with cement sheet prior to tiling or other applications. Always follow the installation instructions of the substrate supplier and Australian Standards.

Adhesives are affected by extremes of temperature. In hot weather conditions the adhesive will set fast and have a shorter open time; in cold conditions the adhesive will set slow requiring extended time prior to grouting and traffic. Do not use below 4°C and above 40°C. Structural failure and suitability of the substrate is outside of our control, care should be taken by the installer as starting the work constitutes acceptance of the substrate. Swimming pools and permanent wet areas should be allowed to cure for 14 days prior to being permanently submersed. Consult **ATA** if you have any questions.

Safety:

Refer to the Safety Data Sheet for full, detailed instructions in accordance with the hazardous chemicals code of practice.

Avoid breathing dust, wear an appropriate respirator and provide adequate ventilation. Avoid contact with skin and eyes, wear suitable gloves, eye protection and work wear when using all additives, latex, sand or cement-based products.

Warranty:

Australasian Tiling Adhesives Pty Ltd ("ATA") warrants that **Aqua-Crete 2K (Liquid)** ("the goods") will be free of defects for a period of up to seven years from date of installation, subject to the goods being utilised and installed strictly in accordance with Australian Standards and industry guidelines. The use of the goods is beyond the control of ATA and/or the supplier and the liability of ATA under this warranty is restricted only to the replacement of the material found to be defective. Structural failure of the substrate is not covered by this warranty and the manufacturer and/or supplier of the goods will not be liable for any damage whatsoever arising from the incorrect use of the goods. A warranty claim must be made in writing by email to [\[admin@ata.com.au\]](mailto:admin@ata.com.au) by you within seven days of becoming aware of the defect. Proof of purchase by you, the date of purchase, and evidence of who installed the product, with relevant contact



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details, must accompany all claims. In the event of a dispute arising in relation to a claimed defect, ATA reserves the right to engage an independent expert to investigate and report, and the cost of the expert will be borne by the party at fault. The benefits to you given by this warranty are in addition to other rights and remedies you may have under any law in relation to the goods to which the warranty relates. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods replaced or repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.”

Contact Details:

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