



TECHNICAL DATA SHEET

AUS-CRETE SCREED N' RENDER NORMAL SET

A VERSATILE, HIGH STRENGTH, POLYMER MODIFIED, SAND AND CEMENT MORTAR FOR SCREEDING AND RENDERING WITHOUT THE USE OF LATEX ADDITIVES



SUITABLE FOR:

- INTERNAL AND EXTERNAL AREAS
- DRY, WET AND SUBMERGED APPLICATIONS
- OVER CONCRETE AND RAW FIBRE CEMENT SHEET
- BONDED OR DIVORCED FLOORING SYSTEMS
- EXTRA HEAVY DUTY INSTALLATIONS
- CONCRETE PATCHING

Coverage per bag	
1m ² @ 12mm thick	2.5m ² @ 5mm thick

TEN YEAR WARRANTY
LOW VOC GREEN STAR COMPLIANT



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Available packaging: 64 x 25kg plastic lined paper sacks.

Description:

Aus-Crete Screed n' Render Normal Set provides a high performance, flexible, shock and vibration resistant polymer fortified cement based screed or render mortar. **Aus-Crete Screed n' Render Normal Set** is easy to use, and suitable for thin screeds and levelling. **Aus-Crete Screed n' Render Normal Set** can be used under ceramic tile and stone, vinyl, wood or carpet, and is suitable as a preparation mortar prior to waterproofing. **Aus-Crete Screed n' Render Normal Set** can be used in permanent wet areas such as swimming pools and fountains, and for commercial/industrial floors and walls. **Aus-Crete Screed n' Render Normal Set** is also available in **FAST SET**.

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 adhesive. **Aus-Crete Screed n' Render Normal Set** can be applied to damp surfaces. Semi dry screed mortars require a wet slurry bond coat.

Mixing:

For best results mix **Aus-Crete Screed n' Render Normal Set** with a slow speed mixer, one that does not entrap air into the mix. Add clean potable water to a clean mixing pail or rotating drum mixer and slowly add the powder.

For a Screed Mortar: Mix to a damp earth consistency for 2 minutes. Mix approximately 25kg of **Aus-Crete Screed n' Render Normal Set** powder with approximately 2.5L of water, 1L for every 10kg of powder. Mixing ratios will vary slightly depending on site conditions and the installation. Prepared **Aus-Crete Screed n' Render Normal Set** must be applied to a wet slurry bond coat of **Aus-Crete Premium Industrial**.

For a Render: Mix to a creamy/plastic consistency for 2 minutes. Mix approximately 25kg of **Aus-Crete Screed n' Render Normal Set** powder with approximately 3L of water. Mixing ratios will vary slightly depending on site conditions and the installation.

Installation:

As a render: Mix **Aus-Crete Screed n' Render Normal Set** to a trowelable plastic mix, then work the mortar into good contact with the substrate. The render can be allowed to take initial set and be ruled off, or it can be finished with a trowel or wood float. Use a sponge float



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if a sand finish is required. When applying a render to a waterproof membrane the first coat must be applied as a thin scratch and allowed to dry prior to installing additional coats.

Slurry Bond Coat: When using **Aus-Crete Premium Industrial** as a slurry bond coat ensure that adequate surface preparation has taken place on all substrates. Apply the pre-mixed **Aus-Crete Premium Industrial** slurry bond coat to the prepared surface with a notched trowel to achieve a thickness approximately 1-2mm. Immediately apply the prepared mortar and tamp into place. Do not apply mortar to the slurry bond coat if it has dried or skinned. Porous substrates will speed up the drying process. **Aus-Crete Premium Industrial:** can be applied to damp (but not saturated) substrates.

When applying **Aus-Crete Premium Industrial** to a semi dry screed for traditional mud bed installations, apply the slurry bond coat with the flat side of the trowel to an even thickness over the levelled mortar. Then place the tile or stone into the wet slurry bond coat and tamp, beat or vibrate into place, cleaning all excess slurry bond coat promptly as the work proceeds. If required **Aus-Crete Premium Industrial** can be applied to the back of the tile or stone, which can then be placed directly into the fresh mortar.

As a semi dry screed mortar: First apply a suitable slurry bond coat to the substrate. While the slurry bond coat is wet and tacky apply the semi dry screed, and tamp into place. While the screed mortar is fresh level the screed to desired height or falls, and finish with a wood float. Tamping and packing the screed mortar increases the performance and reduces the porosity of the screed. **Aus-Crete Screed n' Render Normal Set** can be applied from 2mm to 50mm+/- in one application as a semi dry mix.

Cleaning:

Remove excess mortar with clean water while work proceeds. Hardened mortar will be difficult to remove.

Coverage:

Will vary due to site conditions and the substrate, as a guide 25kg of **Aus-Crete Screed n' Render Normal Set** will cover 1m² at 12mm thick and 2.5m² at 5mm thick.

Precautions and Limitations:

This adhesive 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. Always follow the installation instructions of the substrate supplier and Australian Standards.



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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 5°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. 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.

This product contains sand and cement (silica). 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.

Warranty:

“Australasian Tiling Adhesives Pty Ltd (“ATA”) warrants that **Aus-Crete Screed n’ Render Normal Set** (“the goods”) will be free of defects for a period of up to **Ten 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] 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 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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