



TECHNICAL DATA SHEET

AUS-CRETE

THICK BED SCREED

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10MM-80MM+/-

**EASY TO USE FACTORY PREPARED
 SCREED MORTAR FOR USE AS SEMI
 DRY SCREED BED.**

**MIX WITH WATER OR USE AUS-BOND
 LATEX ADMIX FOR IMPROVED
 PERFORMANCE AND EXTRA HEAVY
 AREAS.**



SUITABLE FOR:

- INTERNAL AND EXTERNAL AREAS
- OVER CONCRETE
- BONDED OR DIVORCED FLOORING SYSTEMS
- HEAVY DUTY INSTALLATIONS
- CONCRETE PATCHING

Coverage per bag
1.25m ² @ 10mm thick

SEVEN YEAR WARRANTY
LOW VOC GREEN STAR COMPLIANT



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

Description:

Aus-Crete Thick Bed Screed provides a high-performance cement-based screed mortar that is easy to use.

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 slurry bond coat / screed mortar, **Aus-Crete Thick Bed Screed** can be applied to damp surfaces. Semi dry screed mortars require a wet slurry bond coat.

Mixing:

For a Screed Mortar: For best results mix **Aus-Crete Thick Bed Screed** with a slow speed mixer, one that does not entrap air into the mix. Mix **Aus-Crete Thick Bed Screed** with approximately **1.9-2.1L of water per 25kg bag, 1.1L for every 12.5kg product**. Add 1L clean, cool water to a clean pail, wheelbarrow or rotating drum mixer and gradually add the product while mixing continuously then slowly add the remaining water to the mix till you get a semi-dry consistency. Mixing ratios will vary slightly depending on site conditions and the installation. Prepared **Aus-Crete Thick Bed Screed** must be applied to a wet slurry bond coat of cement and **Aus-Bond Latex** or a suitable wet slurry bond coat of **Aus-Crete** or **Aus-Flex Adhesives**.

Installation:

As a semi dry screed mortar: A suitable slurry bond coat shall be applied to all substrates to receive the semi dry screed mortar, 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 of the screed and reduces the porosity of the screed. **Aus-Crete Thick Bed Screed** can be applied from **10mm to 80mm+/- in one application as a semi dry mix**.

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 broom or trowel approximately 2mm to 3mm thick, 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



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will speed up the drying process, **Aus-Crete Premium Industrial** can be applied to damp 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, place the tile or stone into the wet slurry bond coat and tamp, beat or vibrate into place, clean all excess slurry bond coat from the work promptly as the work proceeds. **Aus-Crete Premium Industrial** can be applied to the back of the tile or stone and then the tile and stone can be placed directly into the fresh mortar if required.

Cleaning:

Remove excess mortar with clean water while work proceeds, hardened mortar will be hard to remove.

Coverage:

Will vary due to site conditions and the substrate, as a guide 25kg of **Aus-Crete Thick Bed Screed** will cover 1.25m² at 10mm thick.

Precautions and Limitations:

This system 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 screeding or tiling. Always follow the installation instructions of the substrate supplier and Australian Standards. Cement Mortars are affected by extremes of temperature and consideration should be given to hot weather conditions as the mortar will set fast and have shorter open time, in cold conditions the mortar will set slower and require extended time prior to 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. When applying a render to a waterproof membrane the first coat shall be applied as a thin scratch and allowed to dry prior to installing additional coats.

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.



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Warranty:

“Australasian Tile Adhesives Pty Ltd (“ATA”) warrants that **Aus-Crete Thick Bed Screed** (“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] 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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