



AUS-CRETE THICK BED SCREED

PREPARED SAND AND CEMENT MORTAR

DESCRIPTION

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

USES

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

COVERAGE (per 20kg bag)

| |
|------------------|
| 10mm thickness |
| 1 m ² |

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 Thick Bed Screed** can be applied to damp surfaces. Semi dry screed mortars require a wet slurry bond coat.





TECHNICAL DATA SHEET

MIXING

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 **1.5-1.7L of water per 20kg bag, 750-850ml for every 10kg of powder**. Add 800ml 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 semidry 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 Premium Industrial**.

INSTALLATION

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 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, 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 difficult to remove and will often require mechanical means.

COVERAGE

Will vary due to site conditions and the substrate, as a guide 25kg of Aus-Crete Thick Bed Screed will cover 1m² at 10mm thick.



SHelf Life/Storage

- 12 months when stored in original unopened packaging
- To be stored in a dry area off the ground
- Do not store in direct sunlight

PRECAUTIONS & LIMITATIONS

This mortar 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. Mortars are affected by extremes of temperature. In hot weather conditions the mortar will set fast and have a shorter open time; in cold conditions the mortar 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 STATEMENT

ATA guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

ATA will replace the product free of charge when purchased from any legally verifiable source and where the product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out in accordance with relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to ATA.

The consumer is responsible for any expenses incurred in making a claim.

Conditions of Sale contain a limited warranty against manufacturing defects.

A claim form can be requested by email or phone.

CONTACT DETAILS

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