

SCREED & RENDER (NORMAL)

POLYMER-MODIFIED SAND AND CEMENT MORTAR

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.

USES

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

COVERAGE (per 20kg bag)

12mm thickness	5mm thickness
0.8 m ²	2 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 Screed n' Render Normal Set** 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 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 20kg of **Aus-Crete Screed n' Render Normal Set** powder with approximately 2L 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 20kg of **Aus-Crete Screed n' Render Normal Set** powder with approximately 2.4L 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 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 and will often require mechanical means.

COVERAGE

Will vary due to site conditions and the substrate, as a guide 20kg of **Aus-Crete Screed n' Render Normal Set** will cover 0.8m² at 12mm thick and 2m² at 5mm 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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