

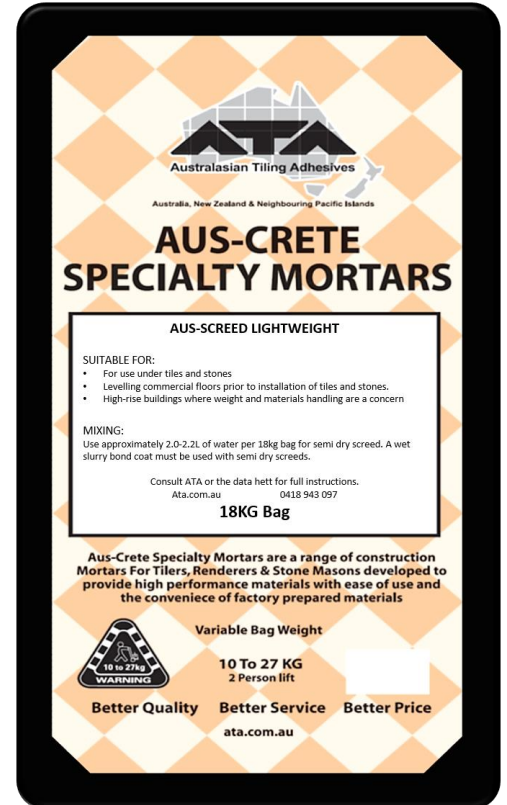


TECHNICAL DATA SHEET

AUS-SCREED

LIGHTWEIGHT

**A VERSATILE, HIGH STRENGTH,
POLYMER MODIFIED,
LIGHTWEIGHT MORTAR FOR
SCREEDING WITHOUT THE USE
OF LATEX ADDITIVES**



SUITABLE FOR:

- FOR USE UNDER TILE AND STONE
- LEVELLING COMMERCIAL FLOORS PRIOR TO THE INSTALLATION OF TILE OR STONE.
- HIGH-RISE BUILDINGS WHERE WEIGHT AND MATERIALS HANDLING ARE A CONCERN.

TEN YEAR WARRANTY

LOW VOC GREEN STAR COMPLIANT



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Performance Characteristics:

SPECIFIC GRAVITY	1.1 - 1.2
SPECIFIC GRAVITY NORMAL SCREED	1.8
COMPRESSIVE STRENGTH	7-8 MPa WHEN TESTED WITH A 50x50mm CUBE
PEDESTRIAN TRAFFIC	12-18 HOURS AT 22°C
READY TO TILE	24-36 HOURS AT 22°C
READY TO RECEIVE MOISTURE SENSITIVE STONE	72 HOURS AT 22°C
APPLICATION THICKNESS	15-100±mm
WORKING TIME	45-60 MINUTES AT 22°C
MIXING	ROTATING HIGH SHEAR DRUM MIXER
PUMPABLE	YES

Available packaging: 64 x 18kg plastic lined paper sacks.

Description:

Aus-Screed Lightweight provides a high performance, flexible, shock and vibration resistant, polymer fortified cement-based screed mortar. **Aus-Screed Lightweight** is easy to use, is 30% lighter than conventional screeds, and is suitable for thin screeds and levelling. **Aus-Screed Lightweight** can be used in commercial floors prior to the installation of tile or stone. **Aus-Screed Lightweight** can be used under ceramic tile and stone, wood or carpet, and is suitable as a preparation mortar prior to waterproofing.

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. Semi dry screed mortars require a wet slurry bond coat.

Mixing:

For best results mix **Aus-Screed Lightweight** 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. Mix to a damp earth consistency for 2 minutes. Mix approximately 18kg of **Aus-Screed Lightweight** powder with approximately 2.0 -2.2L of water, 1.2-1.3L for every 10kg of powder. Mixing ratios will vary slightly depending on site conditions and the installation. Prepared **Aus-Screed Lightweight** must be applied to either a wet slurry bond coat of cement and **Aus-Bond Industrial Latex Admix**, or a suitable wet slurry bond coat of **Aus-Crete** or **Aus-Flex** adhesives.



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Installation:

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 of approximately 2-3mm. 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.

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-Screed Lightweight** can be applied from 15mm to 100mm± 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 18kg of **Aus-Screed Lightweight** will cover approximately 1.7m² at 10mm thick.

Precautions and 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.

Cement 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 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 must be applied as a thin scratch and allowed to dry prior to installing additional coats. Not suitable for permanent underwater use, for these areas use **Aus-Crete Screed n' Render**. Consult ATA if you have any questions.



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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-Screed Lightweight** ("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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