

AUS-LEV 2-20

SELF-LEVELLING COMPOUND CEMENTITIOUS UNDERLAY

DESCRIPTION

AUS-LEV 2-20 is a rapid drying, self-levelling compound with excellent flow properties formulated for levelling difference from 2-20mm in thickness for new and existing internal concrete substrates. It develops smooth surfaces with high levels of mechanical resistance, ensuring the subsequent installation of floor coverings: carpets, resilient coverings, linoleum, timber flooring, and tiled floor finishes.

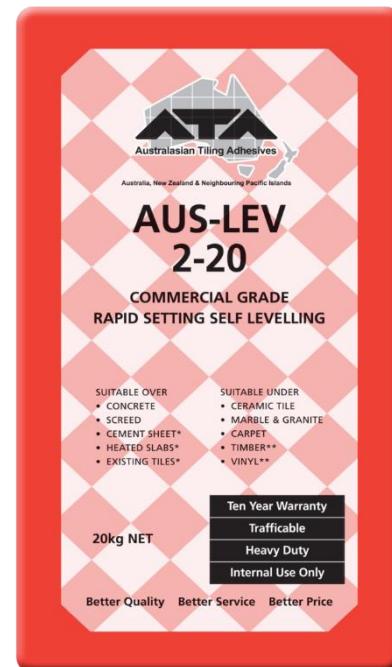
Internal use only, not for external use.

USES

- LEVELLING NEW AND EXISTING CONCRETE SUBSTRATES
- PREPARATION OF SURFACES FOR SUBSEQUENT FLOOR FINISHES (VINYL, CARPET, LINOLEUM, FLOATING FLOORS, TIMBER FLOORING AND CERAMIC TILES)
- READY TO ACCEPT MOST FLOOR COVERINGS AFTER APPROXIMATELY 24 HOURS
- LEVELLING OVER ATA ENGINEERED CEMENTITIOUS SCREEDS (E.G. AUS-CRETE SCREED N' RENDER)
- LEVELLING OVER UNDERFLOOR HEATING SYSTEMS

COVERAGE (per 20kg bag)

2mm thickness	3mm thickness
6 m ²	4 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. If mechanical preparation is required, prepare the floor using recommended methods such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface. Thoroughly vacuum loose material and dust. The minimum subfloor temperature before commencing installation should be 10°C. Do not use solvents or acid etching to clean the subfloor. For substrates that display high moisture levels, consult ATA before AUS-LEV 2-20 installation. Do not apply if temperatures are less than 5°C or higher than 35°C.



TECHNICAL DATA SHEET

MIXING

For best results mix Aus-Lev 2-20 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. It is essential to ensure the powder and water are mixed evenly for approximately three (3) minutes and that the water has dispersed to obtain a lump-free mix. Do not overwater, as this will promote bleeding and separation with a reduction in bond and tensile strength.

Mix approximately 20kg of **Aus-Lev 2-20** with approximately 4.2-4.4L of water, 1L for every 4.5kg of powder.

Do not mix by hand.

INSTALLATION

Prime substrates with **Aus-Bond Primer Grout and Mortar Admix** (porous surfaces) or **Aus-Bond UltraPrime** (non-porous surfaces).

POROUS SUBSTRATES: Use **Aus-Bond Primer, Grout and Mortar Admix** after shaking or stirring the product. Do not dilute. Apply an even film using a roller or brush, ensuring the entire area is covered and allowed to cure. Highly absorbent or porous surfaces may require a second coat to avoid pinholes.

NON-POROUS SUBSTRATES: Ensure substrates such as ceramic tiles have no coatings or sealing compounds on the surface before applying primer. Coatings, curing, and sealing compounds must be mechanically removed from concrete substrates. Stir thoroughly prior to applying an even layer of **Aus-Bond UltraPrime** neat by roller to the clean and dry non-porous substrate. You can check adhesion by attempting to remove the primer after approximately 30 minutes (@23 degrees C) with a fingernail – it should be tenaciously bonded and very difficult to remove. Allow the primer to dry (approx. 2 hours @ 23°C). Once primer is a tack-free orange film, **Aus-Lev 2-20** can be applied.

AFTER PRIMING: Apply in one coat from 2mm to 20mm. Apply the mixed compound to the primed substrate using a gauge rake, stand-up spreader at the required height adjustment, or trowel on a slight incline to obtain the necessary thickness. Installations can also be pumped using an appropriate mixing pump. The mixed quantity must be used within 10 to 15 minutes at a temperature of 23°C.

Due to its self-levelling properties, **AUS-LEV 2-20** will quickly develop a smooth finish and even surface.

When applied, will harden after 2–3 hours at 23°C and can be walked on after this time. The levelling coat will be ready to receive floor coverings fixed with adhesives after 24 hours at 23°C (time may vary depending on temperature and humidity).

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-Lev 2-20** will cover 6m² at 2mm thick and 4m² at 3mm thick.



TECHNICAL DATA SHEET

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

- New concrete must be a minimum of 14 days old.
- Do not allow AUS-LEV 2-20 to come into contact with water during or after the curing process.
- Do not apply to substrates subject to rising dampness.
- Do not apply below 5 Degrees C or above 35 Degrees C
- Drying times are extended when applied in cold ambient temperatures.
- Not suitable for particle board or strip timber flooring.
- Do not apply over expansion joints, as reflective cracking may occur.
- If applying over ceramic tiles and other non-absorbent substrates, it is recommended to apply a minimum of 3- 4mm coating to ensure a water-based adhesive can wet out correctly
- INTERNAL USE ONLY. NOT FOR EXTERNAL USE.

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.

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