



# TECHNICAL DATA SHEET

## AUS-LEV

## 2-20

**COMMERCIAL GRADE  
RAPID SETTING SELF  
LEVELLING**

**TRAFFICABLE “HEAVY DUTY”**

**2-20mm APPLICATIONS**



### SUITABLE OVER:

- CONCRETE
- SCREED
- CEMENT SHEET\*
- HEATED SLABS\*
- EXISTING TILES\*

### SUITABLE UNDER:

- CERAMIC TILE
- MARBLE AND GRANITE
- CARPET
- TIMBER\*
- VINYL\*

\*Consult ATA before installing over/under these substrates.

|                              |
|------------------------------|
| <b>Coverage per bag</b>      |
| 1m <sup>2</sup> @ 10mm thick |

**TEN YEAR WARRANTY  
LOW VOC CONSTRUCTION**



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### TECHNICAL NOTES: AT 23°C

|                          |             |
|--------------------------|-------------|
| WORKING TIME             | 10 MINUTES  |
| INITIAL SET              | 2 - 3 HOURS |
| TILE / FOOT TRAFFIC      | 4 - 6 HOURS |
| VINYL / CARPET COVERINGS | 24 HOURS    |
| HEAVY TRAFFIC            | 72 HOURS    |

### TECHNICAL NOTES: AFTER 28 DAYS

|                         |                                 |
|-------------------------|---------------------------------|
| TENSILE STRENGTH        | ≥ 1.40 MPa                      |
| COMPRESSIVE STRENGTH    | ≥ 55.0 MPa                      |
| FLEXURAL STRENGTH       | ≥ 8.50 MPa                      |
| BULK DENSITY            | 6kg/m <sup>2</sup> at 3mm thick |
| FLOW DIAMETER: EN 12706 | 130 – 140 mm                    |

**Available cements:** Grey

**Available packaging:** 64 x 20kg plastic lined paper sacks

#### Description:

**Aus-Lev 2-20** is a high performance self-levelling compound for internal uneven cement based screeds, concrete floors, under floor heating\* and suitable cement sheet floors\*. Designed for use underneath tile, stone, timber, carpet and vinyl, **Aus-Lev 2-20** can be applied from 2-20mm thickness in a single pour. **Aus-Lev 2-20** can be used as an over-layment in light traffic areas.

#### Surface Preparation:

All substrates must be clean and free from laitance, curing compounds, dirt, dust, grease, paint, oil and any other contaminants that may inhibit bond. All substrates should be mechanically scabbled and cleaned by damp sponge or vacuum.

#### Priming:

After surface preparation apply **Aus-Lev Primer** by brushing primer into the substrate. Wait until the primer is dry to the touch, then **Aus-Lev 2-20** can be applied.



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#### Mixing:

For best results mix **Aus-Lev 2-20** with a slow speed mixer, one that does not entrap air into the mix. **Mix Aus-Lev 2-20 with 4.0-4.2L of water per 20kg bag.** Add clean, cool water to a clean mixing pail and then gradually add the product while mixing continuously. Mix to a smooth lump free consistency for 2-3 minutes. Always add powder to liquid.

**Note: Do not over water as this will cause reduction in bond, tensile and compressive strength.**

#### Installation of Aus-Lev:

For best results the area to be levelled should be surveyed, with pins or levelling height markers applied to the floor at approximately 1.5m intervals. Start pouring **Aus-Lev 2-20** at the rear of the floor, moving the product with an applicator to just cover the pins. Maintain a wet on wet pour until the job is complete.

Apply **Aus-Lev 2-20** to primed surfaces within 5–10 minutes of mixing and trowel into position. Allow a minimum of 4-6 hours prior to light foot traffic or tiling and 72 hours before heavy traffic. All expansion and control joints should be brought through the complete tiling system.

When installing **Aus-Lev 2-20** over cement sheet, ensure that the sheeting is well secured and installed to Australian Standards. Concrete slabs on and below ground must be protected from rising damp prior to the application of **Aus-Lev 2-20**. If protection from rising damp is required, consult **ATA** about the use of **ATA Hydropel** moisture barrier.

#### Deep Patches or Bulk Filling:

Mix **Aus-Lev 2-20** as above, then add an additional 15kg of clean dry sharp sand (1.2–2.5mm) and remix for approximately 1 minute. **Aus-Lev 2-20** can now be used to 50mm deep, however the flow rate will be reduced.

#### Additional Layers:

Allow the first application of **Aus-Lev 2-20** to dry for approximately 6 hours before applying additional layers. Prime before all additional layers are installed.

#### Installation of Finishes:

All tile, stone or other installations should be made in accordance with Australian Standards and industry guidelines.

**Cleaning:** Remove excess SLU with clean water while work proceeds. Hardened material will be difficult to remove.



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### Coverage:

**Aus-Lev 2-20** will cover 1m<sup>2</sup> at 10mm thick.

### Precautions and Limitations:

Hot and Cold weather affects workability and setting times. Do not use below 5°C and above 38°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.

### Shelf Life:

**Aus-Lev 2-20** has a shelf life of 6 months from the date of manufacture, when stored off the ground in a dry environment.

### Warranty:

**“Australasian Tiling Adhesives Pty Ltd (“ATA”)** warrants that **Aus-Lev 2-20** (“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](mailto: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



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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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