

# Technical Data Sheet

## SELF LEVELLING COMPOUND HD



architectural +  
structural  
adhesives

### DESCRIPTION

**Self Levelling Compound HD** is a rigid, hard-setting, self levelling, polymer modified cementitious underlay and overlay which has been specially formulated to achieve a smooth flat surface prior to tiling and waterproofing. Ideal for smoothing most floors prior to the application of ceramic tiles. Suitable for use with underfloor heating coils. Can be used as a final wearing coarse overlay or may be coated with an appropriate resin floor coating.



### FEATURES & BENEFITS

- Easy to mix and apply
- Will not crack or shrink
- Long open time
- Self smoothing and self hardening
- Suitable for use from 6mm to 20mm in one application
- Can be walked on after 2 hours
- Tile after 3 hours

### RECOMMENDED FOR

- Concrete
- Cement screeds
- Over existing tiles
- Particleboard flooring
- Compressed fibrous cement sheeting

### SURFACE PREPARATION

Surfaces must be firm, clean, dry, sound, smooth and be free from dust. All grease, oil, wax, curing compounds, dust, plaster droppings and paint must be removed prior to the application of **Self Levelling Compound HD**. All foreign material must be removed from the floor prior to the application of **Self Levelling Compound HD**. This is best achieved by mechanical means whether by scabbling, grinding or shot blasting. All porous substrates must be primed using **ASA Multiprime**, with very porous floors needing a second coat of **ASA Multiprime**. **ASA Multiprime** shall be applied to the correctly prepared substrate using a broom or brush. Do not prime particleboard flooring.

### MIXING

**Self Levelling Compound HD** requires exactly 4.3 litres of clean water per 20kg bag. Mixing must be carried out using a mechanical mixer. Add the correct amount of water into a clean mixing pail and slowly add the **Self Levelling Compound HD** powder to the water with continuous mixing. Mix for 2 minutes. The product is now ready for use. Do not add excess water and do not mix by hand.

### APPLICATION

Pour the correctly mixed **Self Levelling Compound HD** onto the prepared substrate and allow it to find its own level. To ensure a uniform consistency and continuous flow, it is advisable that subsequent mixes are ready once the previous pour has been laid until the entire area is levelled. Do not allow traffic on the area until the area has hardened.

### CLEAN UP

Clean tools and equipment with warm water and detergent prior to product drying.

### PACKAGING

20kg paper bags

### POT LIFE

20 minutes at 22°C and 50%RH

### COVERAGE

20kg of **Self Levelling Compound HD** will produce 13 litres of mixed product. This will cover approximately 2m<sup>2</sup> at 6mm thickness.

### ADHESIVE RECOMMENDATIONS

**ASA Asaflex**

**ASA Conflex**

**ASA Fixall** mixed with undiluted **ASA Megalastic**

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### SAFETY PRECAUTIONS

This product is non-toxic but contains cement. Use good occupational health and safety practices to avoid personal contact. ASA recommend the use of dust masks, eye protection and wearing of gloves when handling. For more detailed information refer to product MSDS.

### SHELF LIFE

Unopened bags can be stored for up to 12 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.

### LIMITATIONS

- Do not add extra water
- Do not use externally
- Do not hand mix
- Do not use in areas with constant water contact
- Operating temperature to 40°C
- Concrete substrate must be at least 21 days old
- When tiling over particleboard flooring **ASA Asaflex** must be used.

**TECHNICAL SERVICES TOLL FREE NUMBER**  
**1800 813 890 Australia**  
**0508 222 272 New Zealand (land lines only)**

or visit [www.asaltd.com.au](http://www.asaltd.com.au)  
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### GUARANTEE

ASA guarantees this product for 10 years provided application is in accordance with manufacturer's directions and the Australian Standards for Tiling Practice. ASA's liability is limited to the cost of replacing effected ASA product only. ASA reserves the right to inspect. Contact ASA for full guarantee terms.

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