

FAST FLOW FIBRE REINFORCED SELF LEVELLING COMPOUND

Fast Flow, rapid setting with superior crack resistance due to low shrinkage, with Fibre Reinforcement for strength. Used for interior Levelling of flooring substrates 1mm up to 30mm in one application. Must be used in conjunction with Acouslime 002 Bond Primer

USES

- Timber Substrates
- Concrete Substrates
- Hebel PowerFloor

FEATURES

- For Internal Use
- Premix - just add water
- Thickness from 1mm up to 30mm
- Trowels to hard smooth finish
- Light foot traffic 4 hours
- Fast Flow
- Rapid setting
- Exceptional bonding
- Pumpable
- Concrete floor repairs

SUBFLOOR PREPARATION

- All Timber and Concrete substrate must be solid. even, free from dust, oils and surface contaminants.
- All defective host substrate must be removed before application Defective material includes cracked or structurally weakened surfaces.
- Open timber joints should be sealed, before applying ACOUSLIME 002 Bond Primer
- Host floor must be roughened to ensure a good bond ▪ All Timber and Concrete substrates MUST be first be primed with ACOUSLIME 002 Bond Primer
- For chloride contaminated concrete, a concrete corrosion expert should be consulted.

MIXING INSTRUCTIONS

Water Addition per 20kg package
4 litres to a maximum of 5 litres

1. Place 80% of the water into a mixing container
2. Slowly add 70% of the powder to the mixing container and mix for a minute.
3. Add the final 20% of the water to the container.
4. Slowly add the remainder of the powder to the container.
5. Mix for 3 – 4 minutes or until uniform.
6. Mixing times may vary depending on mixing speeds.

APPLICATION

- Application thickness to 30mm maximum
- Do not exceed the thickness in any layer
- Do not mix more material that can be placed in 15 minutes.
- Apply small amounts of mixed material onto the surface and trowel to a smooth finish.
- Coverage – 2kg covers 1 square metre at 1mm thickness (approx)
- Cementitious products should not be mixed if the temperature is expected to exceed 30°C or a change in the temperature exceeds +/-12°C

BEFORE PUMPING SELF LEVELLING CEMENT

- Rinse the mixer and flush water through the grout pump lines thoroughly.
- Check to ensure that all lines and hoses are clear.
- It is important to pump Self Levelling Cement continuously to avoid the formation of air pockets and blockages.
- It is important that the correct mixing equipment is used when pumping cement grouts.

COMPRESSIVE STRENGTH

Water: Powder ratio 0.25:1 (4 litres water per 20kg)

| Minimum MPa | MPa @ 24hours | MPa @ 7 days | MPa @ 28 days | Water 20kg |
|-----------------|---------------|--------------|---------------|-------------------|
| Flowable | 35 | 45 | 60 | 4 – 5 litres max. |

TEST CHARACTERISTICS

| Property | Test Method | Results |
|------------------------|---------------------------------|--------------------|
| Cement | AS 3972 | Complies |
| Chloride Cement | AS 3972 requirement – max 0.10% | 0.01% |
| Sulphur S03 | AS 3972 requirement - max 3.5 % | 2.4% |
| Bleed | ASTM C940 | < 0.03% |
| Initial set (approx.) | AS 1012.18 | 90 minutes @ 20°C |
| Final set (approx.) | AS 1012.18 | 300 minutes @ 20°C |
| Flow characteristics | AS 1478.2 (appendix c) | <45 seconds |
| Comprehensive strength | AS 1478.2 (appendix a) | Complies |
| Maximum particle size | < 0.6mm | |
| Mixing time | 3 – 4 minutes | |
| Walkable hardness | 4 hours | |
| Pump life (approx.) | 45 minutes @ 20°C @ 0.25WPR | |

STORAGE AND SHELF LIFE

If kept in its original packaging in a cool, dry environment. shelf life of at least 6 months is To be expected. This time may be reduced if the product is subject to elevated temperatures or humidity.

PACKAGING

Acouslime Fibre Reinforced Self Levelling Cement is packaged in 20kg bags.

CLEANING

Clean tools and surfaces using clean potable water within 30 minutes of applying materials or prior to curing.

DISPOSAL

Keep out of sewer and storm waterlines. In the interest of the environment, please dispose of empty containers / bags and materials as trade waste in accordance with local authority guidelines.

HEALTH AND SAFETY

Avoid Contact with skin and eyes. Wear suitable protective clothing.

Avoid inhalation or ingestion.

In the case of contact with skin or eyes, rinse immediately.

Seek medical attention immediately if ingested.

Disclaimer

The Technical and application advice summarised in this document is based on our current practical knowledge. Intending users should read this information sheet and SDS information within this document and consider the information provided in the context of how the product will be handled and used in the work place, including in conjunction and suitability with other products. We accept no responsibility for loss or injury caused by improper use, incompetent preparation or ordinary wear and tear. Our responsibility for product sold is subject to our standard terms and conditions; no warranty expressed is implied as Acouslime Pty Ltd has no control over mix design, handling or use of product.