

**PRODUCT DESCRIPTION**

SLM™ is a quick-setting, self-leveling, self-drying underlayment and repair mix for interior concrete and engineer-approved floors. SLM™ has high strength and is abrasion-resistant, able to withstand light foot traffic after 2 to 3 hours and vehicular rubber-wheel traffic after 3 days.

**PRODUCT FEATURES**

- Heavy duty
- Polymer Modified
- No troweling - self leveling
- One component - just add water
- Portland cement based
- Ready for tile in 3 hours
- Ready for resilient flooring in 16 to 24 hours

**PRODUCT USES**

For leveling, smoothing and repairing of interior residential or commercial floors before the installation of flooring systems or floor coverings. Following are typical substrates:

- New concrete floor slabs with unacceptable finishes.
- Existing concrete floors with damaged finishes Over wood floor systems

**HOW TO USE**

**SURFACE PREPARATION**

All substrates must be properly prepared, primed, structurally sound, stable, solid and dry.

**MIXING**

Mix water and SLM™ powder at a mixing ratio of 6.2 L of cool, clean, potable water per 25 kg of powder.

**APPLICATION**

Small areas may be placed by pouring from a 5 L bucket or suitable container. Larger areas should be resurfaced with continuous pumping equipment

**PHYSICAL PROPERTIES**

Physical state	Powder
Colour	Gray
Cured density	2.06 kg per L
Mixing ratio	6.2 L of water per 25 kg of powder
pH (of wet mixture)	11
Application temperature range	10°C to 29°C
Drying time before installation floor coverings	3-24 hours

**HANDLING**

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling mortar to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.



Self-Leveling Mortar- SLM™

**STORAGE and SHELF LIFE**

1 year in original, unopened packaging stored at 23°C and 50% RH.

**TECHNICAL DATA**

Compressive Strength (7 days)	21.7 MPa
Compressive Strength (28 days)	28.6 MPa
Flexural strength (28 days)	7.38 MPa

**FIRST AID**

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

**APPROXIMATE COVERAGE per 25 kg**

3 mm	4.46 m <sup>2</sup>
6 mm	2.23 m <sup>2</sup>
12 mm	1.11 m <sup>2</sup>
19 mm	0.83 m <sup>2</sup>
2.5 cm	0.56 m <sup>2</sup>
3.8 cm	0.37 m <sup>2</sup>

**DISCLAIMER OF LIABILITY**

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.