

# SLM™ 600

Fiber Reinforced Self-Leveling Mortar

## PRODUCT DESCRIPTION

SLM™ 600 is a quick-hardening and drying fiber reinforced self-levelling cementitious mortar for the levelling of substrates with a thickness of 3 to 10 mm. This has the high fluidity ability with no shrinkage and cracking. Fiber reinforced Self-leveling mortar creates significant cohesion and adhesion strength to the substrates, which, after hardening, acquires a high resistance to compressive forces.

## PRODUCT FEATURES

- Gives great resistance up to 10 mm thickness
- Excellent attachment to connect surfaces
- Easy to apply, self levelling
- Flexible and don't influenced vibrations
- Non-shrinkage
- Excellent freeze-thaw stability
- Resistant to mechanical influences, water and chemicals.

## PRODUCT USES

- Factory and warehouse floors
- Balcony and terraces
- Car parks and garages
- In loading bays
- Gas stations
- Indoor and outdoor areas
- Flooring of worn industrial buildings as floor covering

### Physical Properties - SLM™600

Specific Gravity	1.1 g/cm <sup>3</sup>
Color	Grey
Physical State	Fine Powder
PH of the Mix	Approx.12
Mixing ratio	25-27 parts water per 100 parts by weight of mortar
Application temperature	5-30°C
Setting time	45-60 minutes
Set to light foot traffic	3 hours
store	in a dry place at least 12 months

### TECHNICAL DATA

Compressive Strength (1 day)	15 N/mm <sup>2</sup>
Compressive Strength (28 days)	28 N/mm <sup>2</sup>
Flexural Strength (28 days)	8 N/mm <sup>2</sup>

## HOW TO USE

### SURFACE PREPARATION

Dust, oil, paint, silicone, curing agents, and detergents must be removed from the surface, which must be dry, sound, and free of moisture. The temperature of the surface should be at least +10°C. Surface loose materials must be removed, and surface cracks must be repaired with repair mortar. The wetted substrate should be equally saturated with water, with no standing water on the surface.



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## PREPARING THE MIX

Pour a 25 kg bag of SLM™ 600 into a bucket containing 6.3-6.8 liters of clean water while mechanically stirring and mixing with a low speed electric mixer until a homogeneous and self-leveling paste is created. Allow for 2-3 minutes of leisure time before repurposing the paste, which is now ready to use.

## CONSUMPTION

SLM™ 600 has a consumption rate of 1.6 kg/m<sup>2</sup> per mm of thickness.

## LIMITATIONS

- Always mix with clean fresh water.
- It may be harmful with skin contact
- Do not use when air and surface temperatures are below +5°C and above +35°C.
- Avoid heavy traffic for 24 hours

## PACKAGING

It is available in 25 kg bags.

## STORAGE

stored in a dry place, is stable for at least 12 months in original, unopened package.

## HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling fabrics and resins 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.

## CLEANUP

Clean equipment with water immediately after use. Dried material can only be removed mechanically.

## 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.

## DISCLAIMER OF LIABILITY

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