

## am SCREED SL 40

### DESCRIPTION

**am** SCREED SL 40 is a cementitious self-levelling and self-smoothing screed designed for new and old concrete floors as well as for deck topping at thickness of 5 to 20mm. **am** SCREED SL 40 is specially formulated to provide excellent durability.

### USES

**am** SCREED SL 40 can be levelled over any internal or external sound concrete substrates. In upgrading or retrofitting applications for industrial and housing areas, it can be used for the levelling of surfaces and repairing of old worn concrete.

### ADVANTAGES

- Excellent flowability and mix consistency to achieve smooth, flat floors.
- Excellent compressive and bonding strength.
- Excellent abrasion resistance.
- Time and cost savings due to quick and easy laying.
- Pumpable through standard pump systems for speed over large areas.
- Shrinkage compensated.
- Can be used for internal and external areas.

### METHOD OF USE

#### Surface Preparation

The surface to be laid should be free from dirt, dust, oil, grease or other contaminants. Any loose material must be removed by either vacuuming or by pressure washing.

All concrete substrates must also be sound with adequate strength to assure good bond. It is recommended that the level of the existing surface be surveyed to check for excessive deviations which should be rectified.

#### Priming

The prepared surface should be primed with **am** LATEX 302 using a soft brush or a cotton roller and be allowed to dry till tacky. After the first coat has become dry to touch, a second coat should be applied, especially for porous surfaces. **am** LATEX 302 comes in ready-to-use form and thus should be used without any additional water.

#### Mixing

Pour one 25kg bag of **am** SCREED SL 40 into a bucket with 4.0 to 4.5 litres of water and mix with an electrical paddle for about 5 minutes to obtain a homogeneous lump-free mix. Mixing can also be done using an automatic pump/mixer system. Its highly flowable characteristics will be maintained for about 25 minutes.

#### Application

Spread the mix in one coat from 5 to 20mm either by pouring or pumping. To ensure uniform and level surface, the material must be continuously spread. Adjustments of level may be made by the use of a spiked roller, notched squeegee or any suitable tool.

For placements of more than 20mm, each subsequent layer should only be laid before the previous layer completely cures and hardens (3 hours norm). Use a spiked roller over the freshly applied material to release any en-trapped air which may be present after mixing and placing. **am** SCREED SL 40 should be protected against direct sunlight and drying winds after placing during the first 3 hours of curing.

## CONSUMPTION

It covers approximately 1.8kg/m<sup>2</sup>/mm depending on substrate condition. A 25kg bag yields approximately 14 Litres of **am** SCREED SL 40 mix.

## PACKING

**am** SCREED SL 40 is supplied in 25kg bags.

## SHELF LIFE

If stored in a cool and dry place, the shelf life of **am** SCREED SL 40 is approximately 12 months.

SPECIFICATIONS	
Water Powder Ratio	0.168 (or 4.2 litres of water per 25kg bag)
Compressive Strength	40 N/mm <sup>2</sup>
Shear Adhesion Strength	2.1 N/mm <sup>2</sup>
Tensile Bond Strength	1.5 N/mm <sup>2</sup>
Flexural Strength	10 N/mm <sup>2</sup>
Shrinkage	± 0.1%
Ready for foot traffic	8 hours
Workability Time	20 minutes
Flow Spread	300mm
Dart Impact Resistance	No crack, no indentation
Accelerated Weathering	No crack, no softening, no delamination.



022 - 021  
Eco-Friendly Building Material  
Minimum 20% Recycled Content

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