SL Screed

Description
SL Screed has been designed to provide a hardwearing, impervious, seamless floor finish which is hygienic and easy to clean. SL Screed, with its combination of attractive finish and excellent resistance to many chemicals, is suitable for a wide range of light industrial environments. SL Screed is typically applied at thicknesses of between 2 and 3mm. SL Screed is supplied as a three pack product, consisting of an Epoxy resin component, a Curing Agent component and a graded Aggregate component, all preweighed and ready for mixing.

Typical Uses
Suitable for use in laboratories, pharmaceutical plants, hospitals, food preparation areas, electronics assembly factories, etc.

Advantages

- Fast application
- Hard wearing
- Hygienic and easy to clean
- Excellent chemical resistance
- Very good adhesion to concrete
- Seamless

Typical Properties

Colours:	light grey, red (any BS4800 or RAL colour can be supplied)
Pot Life:	50 minutes @ 20C
Compressive Strength:	60N/sq.mm.
Flexural Strength:	34N/sq.mm.

Chemical Resistance:
Excellent resistance to a wide range of industrial chemicals, including 20% hydrochloric acid, 10% sulphuric acid, 20% sodium hydroxide, petrol, 5% lactic acid, bleach.
Specific advice will be provided.

PROCEDURE

1) Surface Preparation All surfaces to be treated should be sound, clean, and free **from dust, dirt, laitance, oil and other contaminants.** All laitance must be removed by vacuum grit blasting, ensuring that any residual dust is removed. New concrete surfaces should be a minimum of 21 days old and/or have a residual moisture content below 6%. Steel substrates shall be grit blasted to Sa 2.5 Swedish standard, and degreased using Toolclean.

2) Priming
Prime the prepared surfaces using Tackprimer. applying the material at a nominal rate of 5 Sq.m/Kg. Allow the primer to cure overnight.
NOTE: If the surface is exceptionally porous it may be necessary to 'double prime'.

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Paints and Coatings for Industry

3) Mixing
SL Screed is supplied as a three component product, each component being pre-weighed ready for use. The contents of the Curing Agent container should be drained into the Base component and the two materials thoroughly mixed. The mixed liquid should then be poured into a forced action mixer, e.g. Mixall, Pennine, or Cretangle, and the Aggregate component slowly added under constant mixing until a uniform consistency has been achieved.

4) Application
Apply the mixed SL Screed by serrated trowel or screed box. Within 20 minutes, spike roller the SL Screed in order to de-aerate it. Existing joints in the floor must be carried through the screed.

5) Equipment Cleaning
Clean all equipment, immediately after use, with Toolclean.

6) Curing
Allow a minimum cure time of 24 hours @ 20C prior to light foot traffic, 48 hours cure @ 20C prior to full vehicular access, and 7 days cure @ 20C prior to exposure to chemicals. NOTE: At higher temperatures the above cure times will be reduced, at lower temperatures they will be increased.

7) Packaging
SL Screed is supplied in 25Kg packs

8) Coverage
A 25Kg pack is sufficient to cover an area of 7.0 sq.m. at a thickness of 2mm.

9) Storage and Shelf Life
Store in dry conditions, out of direct sunlight, at temperatures between 10'C and 25'C. SL Screed has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturers instructions.

10) Limitations
Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures below 3C.

11) Health and Safety
Avoid contact of the material with skin and eyes. Wear appropriate gloves, overalls and eye protection during use. Wash off with soap and water if the material comes in to contact with the skin. Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

SL Screed shall be applied strictly in accordance with the manufacturers instructions.

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