

## K5SCREED SL

### THREE PART EPOXY BASED SELF LEVELLING SCREED

#### DESCRIPTION

K5SCREED SL is pre-packaged ready for on site mixing. It has been designed to provide a hard wearing, impervious, seamless floor finish which is hygienic and easy to clean. K5SCREED SL with its combination of attractive finish and excellent resistance to many chemicals. K5SCREED SL is supplied as a three pack product, consisting of BASE, HARDENER and specially graded AGGREGATE. K5SCREED SL is typically applied at thickness of between 2 and 3 mm.

#### USES

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

#### ADVANTAGES

- Provides high performance, chemical resistance screed.
- Fast application and very good adhesion to concrete substrates.
- Hard wearing, hygienic and easy to clean.
- Good aesthetic appearance.
- Available in various colours.

#### APPLICATION INSTRUCTIONS

##### Surface Preparation

Remove laitance and all loose material including dust, oil and grease to achieve a sound substrate.

##### Priming

Using K5SEALCORE PRIMER, pour all of the contents of the hardener bottle into the resin tub and mix thoroughly until homogeneous. Apply a thin continuous coat of mixed primer to the work area using a stiff bristle brush.

##### MIXING:

Component; the HARDNER component; and the AGGREGATE component. The HARDNER and BASE components shall be thoroughly mixed, preferably by mechanical means. The mixed liquids shall be drained into a forced action mixer and the AGGREGATE component gradually added under constant mixing until a uniform colour has been achieved.

##### Placing

Apply the mixed **K5SCREED SL** by serrated trowel or screed box. Within 20 minutes, spike roller the **K5SCREED SL** in order to remove micro air bubbles.

**EQUIPMENT CLEANING:** Clean all equipment, immediately after use, with **K5SEALCORE TOOL CLEAN**

**Curing**

Allow a minimum cure time of 24 hours at 30 °C prior to light foot traffic, 48 hours cure at 30 °C prior to full vehicular access, and 7 days cure @ 30 °C prior to exposure to chemicals.

**PROPERTIES**

- |                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| 1. COLOUR               | : Grey, blue, red, cream, green (special shade on request).      |
| 2. CHEMICAL RESISTANCE  | : Excellent resistance to a wide range of industrial -chemicals. |
| 3. POT LIFE             | : 45 minutes at 30 °C                                            |
| 4. CURING TIME          | : Full cure after 7 days at 30 °C                                |
| 5. COMPRESSIVE STRENGTH | : 60 N/mm <sup>2</sup>                                           |
| 6. FLEXURAL STRENGTH    | : 34 N/mm <sup>2</sup> at 7 days.                                |

**PACKING & COVERAGE**

**K5SCREED SL** is supplied in 12.5 kg packs. A 12.5 kg pack of **K5SCREED SL** is sufficient to cover an area of 3.5 m<sup>2</sup> at a thickness of 2 mm.

**SHELF LIFE**

12 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

**HEALTH & SAFETY**

K5SCREED SL is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.

**NOTE**

**All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.**



**KRISHNA**

■ Colours & Chemicals Ind.

Mfg. Construction Chemicles & Pain



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