

Description

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

Typical Uses

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

Advantages

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

Typical Properties

Colours: Light grey, red (any BS4800 or RAL colour can also be supplied).

Pot Life: 50 minutes @ 20°C

Compressive Strength: 60 MPa

Flexural Strength: 34 MPa

Chemical resistance: Excellent resistance to a wide range of industrial chemicals, including 20% hydrochloric acid, 10% sulphuric acid, 20% sodium hydroxide, petrol, lactic acid and bleach.

Packaging

Renobuild SL Screed is supplied in 25kg packs

Procedure

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 Renobuild Toolclean

Priming

Prime the prepared surfaces using Renobuild Tackprimer, applying the material at a nominal rate of 5m²/kg. Allow the primer to cure overnight.

Note: If the surface is exceptionally porous it may be necessary to 'double prime'.

Mixing

Renobuild 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 mixer, e.g. Mixall, Pennine or Cretriangle, and the FILLER component slowly added under constant mixing until a uniform consistency has been achieved.

Application

Apply the mixed Renobuild SL Screed by serrated trowel or screed box. Within 20 minutes, spike roller the Renobuild SL Screed in order to de-aerate it. Existing joints in the floor must be carried through the screed. Always maintain a wet edge to the material during application.

Curing

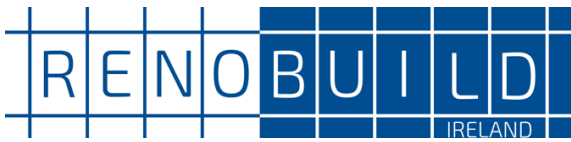
Light foot traffic may be allowed after 24 hours drying @ 20°C and full trafficking after 48 hours @ 20°C.

Optimum chemical resistance will be achieved after 48 hours @ 20°C.

Note: At higher temperatures the above cure times will be reduced, at lower temperatures they will be increased.

Equipment Cleaning

Clean all equipment immediately after use with Renobuild Toolclean



RENOBUILD SL SCREED

Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C.

Renobuild SL Screed has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

A 25kg pack is sufficient to cover an area of 7m² at a thickness of 2mm.

Limitations

Do not apply to uncured or contaminated surfaces.
Do not apply at temperatures of 5°C or less.

Health and Safety

Avoid contact of the material with skin and eyes.
Wear gloves and goggles.
Wash off splashes immediately with soap and water.
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

Renobuild SL Screed shall be applied strictly in accordance with the manufacturer's instructions

For specific advice regarding any aspect of this product, please consult our Technical Department at renobuild@resbuild.co.uk

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).