

# CONSEAL SL

## SELF LEVELLING EPOXY FLOOR SCREED

**Perfect for restoring old concrete floors. Seamless,  
easy to clean & hard wearing.**

**CONSEAL SL** is a self levelling epoxy compound that has been developed for restoring old, damaged concrete floors or for providing a seamless, waterproof easily cleanable floors in food processing premises.

- **Provides a smooth, seamless, waterproof floor**
- **Easy to clean**
- **Excellent for restoring old, damaged concrete floors**
- **Easy to lay**
- **Durable, tough and hardwearing**



**CONSEAL SL Self levelling epoxy is perfect for restoring old concrete floors.**

**CONSEAL SL** is easy to use, it only requires mixing and spreading approximately level with a plastering trowel. Trowel marks and minor undulations will quickly flow out to leave a level surface.

**CONSEAL SL** is available in a range of colours and is supplied as a three part pack consisting of pre-formulated solvent free resin, hardener and fine aggregate. It is available in 5kg and 25kg packs which mix to approximately 2.65 and 13.25 litres respectively. Coverage of a 3 mm layer is approximately 0.88 m<sup>2</sup> and 4.7 m<sup>2</sup> respectively.

**APPLICATION INSTRUCTIONS** All old coatings and contamination such as oil and grease must be removed. A scabber is a quick and easy to use but heavy encrustations of grease should be removed first.



**Use a scabber to remove old coatings and soft concrete.**



**Fill holes and cracks to prevent the product from draining into voids and air bubbles rising to the surface.**

When the floor has been cleaned all cracks, holes and depressions must be filled with CONSEAL M or with CONSEAL SL thickened with additional sand. This is to prevent the CONSEAL SL draining into cavities or air bubbles rising up through the product and spoiling the finish.

Any edges where the surfacing is to be stopped must be fitted with a suitable metal, plastic or wooden strip which will contain the liquid CONSEAL SL. If the substrate is uneven bed the strip on mastic to prevent seepage underneath.

Any slopes are best first screeded with CONSEAL M as CONSEAL SL will run down even the slightest slope.

**PRIMING** The prepared surface should be primed with CONSEAL CP which is a clear, solvent free pure epoxy concrete primer. Its purpose is to seal any porosity and bind the concrete. However, priming may be omitted if the prepared concrete is hard, dense and free of porosity



**A small tub mixer is ideal for small jobs.**



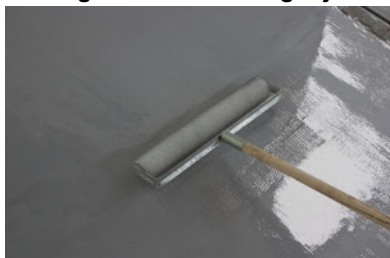
**An IMER mixer with bottom discharge is better for larger jobs.**

**MIXING** CONSEAL SL must be mixed in a powered mixer. A small mixer with a removable tub is ideal for small jobs but a larger machine such as an IMER mixer which can mix 100 kgs at a time and has bottom discharge is better for large jobs.

Pour the resin and hardener into the mixer and allow it to be mixed thoroughly before adding the aggregate. Continue mixing until a homogenous mix with an even texture is obtained.



**Spread the mixed material with a plasterers trowel or a long handled spreader.**



**A spiked roller can sometimes be useful to remove air bubbles from the surface.**

**APPLICATION** The temperature of the material and substrate must be at least 12°C. Application at lower temperatures will be difficult due to the resins higher viscosity.

Pour the mixed material onto the floor and spread to the required depth with a trowel. Minor trowel marks will soon disappear and CONSEAL SL will flow to a smooth, shiny finish. At lower temperatures air bubbles that rise to the surface can be a problem because the higher surface tension of the resin prevents them from bursting.

They can be removed with a spiked roller or by passing a hot air gun quickly over the surface.