

## SELF LEVELLING EPOXY RESIN SYSTEM FOR PERFECT FLOORS

**CONSEAL SL** is a specially formulated, two part epoxy system that when mixed with its aggregate pack will provide a low viscosity compound which is easy to apply with simple equipment.

It will produce a perfect, seamless floor that is completely free from air bubbles and other defects (provided that the floor has been primed and the product laid according to the instructions).

**CONSEAL SL** contains a unique blend of additives that rapidly and completely remove all entrained air that often spoil the surface of similar systems. Large areas can be quickly finished to produce an attractive, durable floor that is easy to clean.

**CONSEAL SL** is available pigmented in a range of standard colours. Custom colours can be produced in quantities over 200kgs.

**CONSEAL SL** is extremely easy to use. It only requires mixing and spreading approximately level over the prepared substrate with a pin rake, squeegee or plastering trowel. A spiked roller can be used to help spread the resin evenly. Trowel marks and minor undulations will quickly flow out to leave a smooth level surface.

**CONSEAL SL** Cannot be applied to slopes or vertical surfaces. **CONSEAL M** epoxy mortar should be used for these areas.

All old coatings and contamination such as oil and grease must be removed.

A scabblers is a quick and easy to use but heavy encrustations of grease should be removed first.

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** epoxy mortar as **CONSEAL SL** will run down even the slightest slope.

**PRIMING** It is essential to prime the prepared surface with **CONSEAL P** epoxy concrete primer. Its purpose is to seal any porosity in the concrete and thus prevent escaping air rising through the **CONSEAL SL** as it sets and thus spoiling its surface. When the primer has cured inspect it to ensure that all porosity has been sealed. Poor quality concrete will often require a second coat of primer worked into the surface as it is applied.

**MIXING** **CONSEAL SL** can be mixed in a bucket with a plaster mixer or with powered mixers. Pour all of the hardener into the tub of resin and mix for several minutes. Pour the mixed resin into a larger container and mix again to ensure that the resin and hardener have been thoroughly mixed. Failure to mix the components as instructed may cause the material not to cure properly.

Continue mixing and slowly add the aggregate. Continue mixing until a smooth, homogenous texture is achieved.

**APPLICATION** The temperature of the material and substrate must be at least 10°C. Application at lower temperatures will be difficult due to the higher viscosity of the resin.

Pour the mixed material onto the prepared floor and spread to the required depth with a pin rake, squeegee or with a trowel. A spiked roller can be used to even out irregularities



### ADVANTAGES OF CONSEAL SL



- Provides a smooth, defect free seamless floor
- Waterproof and easy to clean
- Excellent for new or for restoring old, damaged concrete floors
- Easy to lay
- Durable, tough and hardwearing
- Choice of non slip finishes available for wet areas
- Available in standard and custom colours.
- Hygienic option available to kill MRSA E-coli etc
- Acid resistant and anti-static grades are also available

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 viscosity 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.

If a non slip surface is required it will be necessary to finish the job with a coat of CONSEAL TSF epoxy coating together with a small amount of a non slip additive

CONSEAL PACK SIZES AND COVERAGE		
PACK WEIGHT	TOTAL LITRES	COVERAGE @ 3 mm THICK
5	2.8	0.93
25	14.1	4.70
50	28.2	9.40

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Please visit our web site at [xymertec.com](http://xymertec.com) for details of our other products.  
They include resins and coatings for marine, industrial and flooring

#### COVERAGE

It is the applicators responsibility to ensure that the correct coverage is achieved.

We recommend that the area that should be covered by one pack of coating is marked out. Adjust the application rate to ensure that the marked area is covered by the entire contents of a pack. Porous or rough substrates will require more product than regular substrates.

#### HEALTH & SAFETY

Please see the Safety Data Sheet for full information. All users should ensure appropriate protective measures are adhered to when applying our products.

#### DISCLAIMER

Customers are advised to thoroughly read and adhere to the instructions provided to ensure the products' optimum finish and performance. All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Any deviation by the user to these instructions may affect the products performance and is therefore not advised. In this circumstance, Xymertec Ltd will not be held responsible and will be unable to offer any product replacement. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications.

We aim to ensure consistency of colour in production (where applicable), however slight variations in shade may occur from batch to batch.