

### ■ Use

**SOL-LIS polished concrete** is a cement/lime-based compound that provides a polished concrete surface and can be applied at 2 to 3 mm thickness. When combined with RESINE POUR SOL-LIS acrylic activator, **SOL-LIS polished concrete** gives a highly resistant interior wall and floor finish. **SOL-LIS polished concrete** is burnished to obtain a polished concrete effect. **SOL-LIS polished concrete** is suitable for walls and floors for bathrooms and kitchens (Italian style showers, washbasins, worktops, bowl tops, credenzas, ) as well as entrance halls, staircases, living room, bedroom, furniture, etc.. **SOL-LIS polished concrete** is available in white and is colored using compatible natural pigments or dyes.

#### • Composition

Cement, non hydraulic lime, acrylic resin, sand and fine powdered marble. Made from a selection of non-toxic, biodegradable ingredients that are eco and health friendly. Free from asbestos, formaldehyde and heavy metals.

#### • Features

- Excellent adherence to the support.
- Highly shock and abrasion resistant.
- High breathability.
- Eco-friendly.
- Odorless, solvent free, no harmful emissions.

E.U. Classification : VOC compliant.

### ■ Application

#### • Surface preparation

Indoor surfaces should be in conformity with the current standards in force. The surfaces should be homogeneously absorbent, sound, clean, dry, non-friable and free of salts, moisture and moulds. **SOL-LIS polished concrete** should be applied to a dry, regular and smoothed MULTITOP resurfacer or **SOL-LIS** first coat. On floor surfaces, do not smooth with a trowel but when dry, take off any edges left by the finishing trowel using a paint scraper. The floor surfaces should have a dry, clean and regular cement screed because **SOL-LIS polished concrete** will be applied at 2 to 3 mm thickness. Our MULTITOP resurfacer will need to be applied to over-irregular, tiled or water exposed surfaces. This is the most appropriate support available. Wait until the MULTITOP resurfacer has completely dried (1 day per mm of thickness), before applying **SOL-LIS polished concrete** (wait approx. 1 week for tiled surfaces). Very smooth surfaces (plasterboard, smoothed concrete, painted surfaces will require a grain-based primer (use our SOUS COUCHE POUR CHAUX EXTRA lime primer). **For other surfaces, contact us for technical support.**

#### • Mixing

For approx. 4 litres of water into a suitable recipient. Add the pigments (prevent the creation of any lumps. Filter the mixture using a fine sieve if necessary depending on the type of pigment used). Add 5kg of RESINE POUR SOL-LIS acrylic activator and mix well. Gradually pour the 30kg bag of **SOL-LIS polished concrete** into the resin-water-color using a mixing tool to ensure a smooth, homogeneous and thick paste is obtained. The thickness can be altered by adding a little water if necessary so as to obtain a fluid paste. Leave the mixture for 15min and mix well again immediately prior to use.

**Halve the quantity for a 15kg bucket of SOL-LIS polished concrete powder.**

#### • Application

**SOL-LIS polished concrete** is normally applied in two coats *a fresco* (wet on wet) for a final minimum thickness of 3mm on floors and 2mm on walls using a plastic finishing trowel. The applicator's technique is what determines the final effects so the applicator should perfect his finishing techniques to produce the desired surface.

Apply the first coat by creating an irregular band on the shortest side of the surface. Apply the second coat as soon as the coating begins to harden without covering this band completely. Polish the second coat using a plastic finishing trowel. When the desired result is obtained, connect up the two bands with a wet band of paste and proceed in this way until the whole of the surface is covered.

# SOL-LIS

Polished concrete for indoor walls and floors

## TECHNICAL DATA SHEET



For small surfaces, apply a first coat. As soon as **SOL-LIS polished concrete** has begun to dry, apply a second coat while it is still wet. Polish to give this coat a shine as you go so as to obtain the desired effect.

***Use steel or plastic finishing trowels rather than stainless steel to avoid a darkening of the surface during polishing. On floors, wear appropriate shoes, socks or cardboard to avoid walking on the wet coat. Do not walk barefoot as a drop of sweat may mark the surface when dry.***

***Once SOL-LIS polished concrete has dried superficially (approx. 24hrs), it can be sanded either by hand or by machine. Use a 80-100 grain for best effects.***

- Drying

If due care is taken, **SOL-LIS polished concrete** can be walked on after 48 to 72 hours. Total hardness, and hence optimal resistance, when the product has dried to the core is obtained after roughly 30 days.

***Precautions: on floors, during the first few days following application, place protective pads under furniture and wait at least 10 days before putting rugs back in their place. During the first 3 weeks, clean with a damp rag or mop, a soft brush and vacuum cleaner. After this period, common cleaning products can be used but avoid acidic or alkaline cleaning products.***

***We advise the use of "Black" Soap or Marseille Soap.***

- Coverage

2 kg to 3 kg / m<sup>2</sup> for 2 coats, depending on the surface.

- Protection

When **SOL-LIS polished concrete** has dried out thoroughly (after 48 to 72 hours), use the combination of our SOL H oil repellent (2 coats) and our HYDRO R water repellent (2 coats) for a natural matt look. And use our HYTOP oil and water repellent for a semi-gloss wax look.

***Check the surfaces are totally waterproof before use. Contact us for technical support.***

- Practical advice

Clean all tools with water immediately after use.

Apply and store at a temperature of +5°C to +30°C (40°F or 85°F). Do not apply to hot or damp surfaces.

Each wall section should be finished the same day. All overlapping should be done in corners or door angles.

Protect the surrounding areas from splashes or clean with water immediately.

### ■ Health Caution

Irritating to the eyes and skin. **SOL-LIS polished concrete** contains cement and is alkaline on contact with water. During mixing and application avoid contact with eyes. In case of contact with the eyes, rinse well with fresh water and contact a specialist any symptoms persist. Avoid prolonged contact with skin. Keep out of the reach of children.

### ■ Storage

**SOL-LIS polished concrete** and RESINE POUR SOL-LIS acrylic activator will keep for one year in its original closed packaging. Protect from frost, humidity and high temperatures. The powder mixed must be used within 2 to 3 hrs of preparation. It will keep for several hours if it is covered with a thin layer of clean water. However, we recommend that you only prepare the quantity required.

### ■ Packaging

**SOL-LIS polished concrete** is conditioned in recyclable paper bags of 30kgs. Buckets of 15kgs are also available. RESINE POUR SOL-LIS acrylic activator is conditioned in buckets of 5kg or 2.5kg.

***The information contained in this sheet are the expression of our knowledge and of test results. They can in no case be regarded as bringing a guarantee, or engaging our responsibility in the event of defective application. We recommend making a sample.***