

floor

RENEW

RENEW Concrete for Decorative Elegance and Functionality

1



Prepare and patch

2



Apply the coating

3



Sealer application

Floor RENEW

Floor RENEW has now become simple and effective with hi-build, self-levelling floor coatings in a variety of attractive colours. In addition, unique sealers for stain resistance, easy cleaning and a non-slip surface when wet, are available.

RENEW your garage floor into a super functional lounge, office or play room floor in a number of easy steps. The simplified application techniques enable DIY enthusiasts or small business contractors to provide superb results if the Samson system is faithfully followed.

Samson products required are:

1. Super Fine Crack Filler or LVE Epoxy for crack stabilisation
2. P3 Primer and Patch Mortar P for filling breakouts or delaminations
3. Floor Coat (in selected colour) – The hi-build, self levelling cementitious coating for the floor
4. Acrylic Emulsion Bonder for improving adhesion of the new coating to the substrate
5. Siloxane Primer followed by MM Sealer Buffable for stain resistance and non-slip characteristics

SUITABLE SUBSTRATES

The floor RENEW system is designed to thin set application. However, some alternative surfaces are suitable such as well bonded ceramic tiles. Surfaces to be avoided are those which do not give sufficient support to the new strong coating (e.g. weak, porous screed).

Preparation: Cracked, delaminated or otherwise degraded concrete must first be prepared. Crack injection systems are available from Samson. Some concretes are only weak at the top few millimetres in which case scarifying down to sound concrete will correct this. The preparation needed for urethane or epoxy toppings is not necessary. The surface should be dust and oil free and without contaminants likely to cause de-bonding. A rough sandpapering, vacuuming and pre-soaking is all that is necessary. Samson can advise on curing compound removal as appropriate but wax based products are exceptionally difficult to remove.



Crack repair



Delamination for repair



Repair



Light sanding



Fibre pad application



MM Sealer Buffable

BONDING, MIXING AND APPLYING

A light application of acrylic emulsion bonding agent is recommended over sound, prepared surfaces. The floor coat is packaged in 12.5kg bags for the preparation of 10lt of slurry. Place 5lt of water into a suitable bucket and then whilst agitating with a suitable paint mixer, the powder is added to the vortex until the full 12.5kg are added and the mix is smooth and lump free. Application by brush or steel trowel. A good experienced painter will do a good job using a large sized paintbrush, but some contractors will find that a trained artisan can achieve excellent results with a steel trowel.

The bonding agent should not be allowed to dry. It must be damp and tacky, otherwise bond will not be achieved. Use a suitable applicator (such as, a fibre pad, to thinly and evenly apply the bonding liquid & just ahead of the floor coat application).

BRUSH MARKS

Dependent on temperature, the floor coat will remain self levelling for up to an hour. Therefore, it is best to work quickly wet on wet and only mix enough coating at a time to be applied promptly. If correctly executed there will be minimal brush marks and a smooth surface. However, if additional smoothing is needed use 100 grit sandpaper (see instructions above).

GLOSSING AND SEALING

Properly hardened floor coat can be given an initial shine by the use of a suitable polishing pad. Thereafter, the Siloxane Primer and final MM Sealer Buffable may be spread thinly and evenly again using a suitable fibre pad applicator. Once the Sealer is touch dry (usually about an hour) the floor surface may be glossed with a rotary polisher fitted with an appropriate 3M Fibre polishing pad.

