

## SMOOTH 'n PATCH DECORATIVE COLOUR FLOOR OVERLAY

### DESCRIPTION

SMOOTH 'n PATCH is a decorative, pigmented, two component, polymer cement based floor overlay screed system which, when mixed, produces a self-levelling consistency which is easy to apply by hand floating technique. The cured product is ready for final sealing approximately 12 hours later. SMOOTH n PATCH is a versatile, durable, economical flooring product which produces an attractive floated concrete look and a mottled unique finish. SMOOTH n PATCH is designed for application in domestic and semi-commercial environments.

### ADVANTAGES

- Easy to install
- Various colours
- Quick drying
- Multiple substrate compatibility
- Durable and flexible
- Economical
- Interior or exterior application
- Water resistant, equal to high density concrete once cured

### APPLICATIONS

- Decorative flooring
- Floated concrete finish
- Seam-less flooring
- Floor levelling
- Mottled hand floated aesthetics

### TECHNICAL DETAILS

Appearance	Liquid - Pink
	Powder – Various colours
Mix ratio	5L : 25Kg
Working Life	10-15 min
Yield	15L
Initial set	20-30 min
Coverage	5m <sup>2</sup> @ 3mm
Cure time	2-3 hours (light traffic)
	12 hour (full cure)
Compressive strength	25 MPa (28 day)

### PRECAUTIONS

Moisture sensitive, treat as cement. To be stored in a cool dry place on pallets off of the ground. Mixing and application critical.

### PACKAGING

Smooth n Patch is supplied in 30Kg kits consisting of a 5L polymer liquid with a 25Kg bag of pre-blended cements and aggregate.

### WATCH POINTS

- Time to floating is critical
- Floating technique and quantity of water used when floating is important
- Do not remove too much liquid when floating as this will result in an unsightly finish.

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### PREPARATION

Surfaces to be primed must be clean and free of dust, oily residues and loose friable material. High pressure or grind off loose materials. Surfaces can be damp but not wet.

### PRIMING

Prime with Seal & Strengthen for weak friable screeds. Alternatively prime with Techfin Probond. If floors are not level, prime the surface then pull a scraper coat with the Smooth n Patch material to create the correct levels. Prime again with Techfin Probond and proceed.

### MIXING

Shake well and decant the full contents of the supplied polymer liquid into a suitable bucket. Then add the contents of the 25Kg bag to the liquid slowly by use of a mortar mixer fitted with a suitable paddle until a lump free, smooth consistency is achieved. Pour the mixture out onto the primed floor surface. Do not keep mixed product in the bucket for longer than required.

Using a notched rake, squeegee or steel trowel, spread the product over the floor to a 3-4 mm thickness. The working life of the product is 10-12 minutes for best levelling results. Allow the product to begin to set for 20-40 minutes (depending on conditions) until firm enough to support weight (biscuit hard).

### FLOATING

Using a wooden board or polystyrene blocks to distribute body weight and prevent damage, float the surface again by sprinkling a light amount of water with a block brush and wood float gently to generate movement on the screed surface. Do not re-suspend the screed completely (over float or over water) as this will result in weakness in the floor with cracking or delamination. Float with a steel trowel if additional movement is desired.

Allow to set hard over night. Light sand the surface with 120 grit sand paper to ensure the surface is smooth and no projections are present.

### SEALING

Colour retain the screed by applying Sealkote PU diluted 50/50 with water. Two coats are recommended. Once dry, apply Solidkote UVC Clear/ Clear Matt. Two coats are recommended.

### CLEAN UP

Remove excess screed product using water. Use lacquer thinners to remove sealer.

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