

## **DATA SHEET**

### **306** **RESIN CEMENT FLOOR TOPPING**

(Page 1 of 3)

V1-28/11/2014

#### **DESCRIPTION**

- 306 is a 3 component technically advanced epoxy/cement self-smoothing floor topping system.

#### **USES**

- A seamless, 2-3mm topping for patching and levelling flooring prior to carpeting, tiling, wood finishes and painting.

#### **BENEFITS**

- Excellent adhesion to concrete & screeds
- Permeable to water vapour
- Resistant to water
- Reduces undulation on substrate
- Chemically and mechanically compatible with concrete chemistry forming monolithic structure
- Easy to apply (self smoothing)
- Low odour
- Excellent resistance to water and oils
- High mechanical strength

#### **STANDARD SPECIFICATION**

- Thickness : 2-3 mm
- Colour : Various
- Preparatory work and application must be in accordance with supplier's instructions. The installation should be carried out by a approved applicator. Products included in this system. 3 Component seamless flooring kit @ 2Lt / m<sup>2</sup> for 2mm. Detailed application instructions are available upon request.

## **DATA SHEET**

### **306** **RESIN CEMENT FLOOR TOPPING**

(Page 2 of 3)

V1-28/11/2014

#### **INSTALLATION**

- **SEAMLESS FLOORING:** Mix the 2 resin components well, then add the cement powder component and mix with a mechanical mixer to a uniform slurry consistency. Apply with a trowel or rubber squeegee @ 2 to 3 mm thick.
- **SEALER:** Seal the surface with a recommended sealer.

The installation should be carried out by a approved contractor with a documented quality assurance scheme. Obtain details of our approved applicators by contacting our customer services team.

#### **SUBSTRATE REQUIREMENTS**

- Concrete or screed substrate should be a minimum of  $25\text{N} / \text{mm}^2$ , free from laitance, dust and other contamination. The substrate should be surface dry before the application of the primer.

#### **ENVIRONMENTAL CONSIDERATION**

- The finished system is assessed as non-hazardous to health and the environment. Environmental and health considerations are controlled during manufacture and application of the products by staff and fully trained, experienced contractors. Allowance must be made for expansion joints. manufactures a range of joint sealants. also produces a range of non-shrink epoxy grouts for machine bedding, bolt fixing, vertical surfaces and under water curing systems.

**DATA SHEET**

**306**

**RESIN CEMENT FLOOR TOPPING**

(Page 3 of 3)

V1-28/11/2014

**TECHNICAL DATA**

<b>FIRE RESISTANCE</b>	: BS 476: Part 7 Surface spread of flame: Class 1 (indicative)
<b>TEMPERATURE RESISTANCE</b>	: Tolerant up to 80°C
<b>WATER PERMEABILITY</b>	: Nil – Karsten test (impermeable)
<b>COMPRESSIVE STRENGTH</b>	: 60N / mm <sup>2</sup> (BS 6319)
<b>BOND STRENGTH</b>	: Greater than cohesive strength of 25N /mm <sup>2</sup> concrete.
<b>SPEED OF CURE</b>	10°C    20°C    30°C
<b>LIGHT TRAFFIC</b>	: 24hrs    15hrs    12hrs
<b>OVERCOAT</b>	: 3days    2days    1day
<b>FULL CURE</b>	: 7days    6days    5days

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.