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Suregrip™ HD

DATA SHEET

Suregrip™ HD is supplied as a liquid resin, that cures to form a hard wearing, slip resistant, dust free, hygienic, seamless floor. It is suitable for use in industrial applications such as plant rooms, food processing areas and machine shops. In particular where a high level of slip resistance and good impact resistance is required. **Suregrip™ HD** is suitable for areas of heavy traffic (fork-lifts, pallet trucks etc).

ADVANTAGES

- 1. Slip resistant and seamless .**
Low slip potential (36+) using the BS 7976 pendulum test.
Equivalent of R13 using the DIN 51130 ramp test.
- 2. Hygienic.**
- 3. Low odour during application**
- 4. Rapid cure to reduce downtime.**
- 5. Good curing performance at low temperatures**
- 6. Hardwearing, high impact and abrasion resistance.**
- 7. Excellent adhesion to concrete and wooden surfaces.**
- 8. Wide range of colours.**

Technical data:

Compressive properties (ASTM D645)	Strength	62.00 N/mm ²
	Modulus	4.40 KN/mm ²
Flexural properties (ASTM D790)	Strength	38.00 N/mm ²
	Modulus	3.00 KN/mm ²
Shelf life	minimum 12 months	
Storage temperature	15°C - 30°C	
Slip resistance*	> 0.65 (coefficient of friction in dry) > 0.50 (coefficient of friction in wet)	
Minimum application temperature	8 °C. (Recommended : 15 °C – 23 °C)	
Pot life when mixed (20 lt mix)	@ 20°C	15 minutes.
Tack free	@ 20°C	4 hours
Light traffic	@ 20°C	7 hours
Full cure (Chemical resistance, mechanical properties)	3 days	
Bond strength (to primed concrete)	greater than cohesive strength of concrete	
Application depth:	3 – 5 mm	
Yield per 26 kg mix	6.5 m ² – 9 m ²	
Mix ratio Part A to Part B	1.75 : 1 by volume. 2 : 1 by weight	

* Slip resistance should be checked regularly



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CHEMICAL RESISTANCE

Suregrip™ HD floors are resistant to a wide range of chemicals but we recommend that any specific chemical or combination of chemicals should be site tested to determine suitability prior to use.

APPLICATION

Suregrip™ HD is suitable for professional application only.

Please refer to – “**Suregrip™ HD method statement**” – for detailed application instructions

STANDARD PACKAGING	
Suregrip™ base resin and hardener	11.00 kg in separate units
Suregrip™ part c	14.00 kg sealed bag
Suregrip™ pigment	5 kg bucket

COLOURS

Suregrip™ HD is a seamless coloured surface with a coarse texture.

Most BS4800 colours are available on special order:-

Ex Stock : Brick Red, Mid Grey, Bright Blue (18E53), Buff , Dark Grey (18B25), Green 14C39)

CLEANING

Small amounts of uncured resin can be cleaned or removed from hard non plastic surfaces with T 1031 thinners.

Absorbents can be used for larger quantities. Refer to Material safety data sheets.

Cured resin can be removed by mechanical means (eg grinding etc) –.

Suregrip™ floors can be cleaned and maintained using a power hose, industrial wash vac system or squeegee with most floor detergents. Do not use strong solvents or undiluted bleach. A small area should be tested prior to cleaning.

Suregrip™ HD is not suitable for mopping.

Please refer to leaflet --**Care of Suregrip™ floors**--.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be used when working **Suregrip™** resins and T1031 thinners.

If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands wash with soap and water or specialist hand cleaner.

For full details see separate Material Safety Data Sheets.