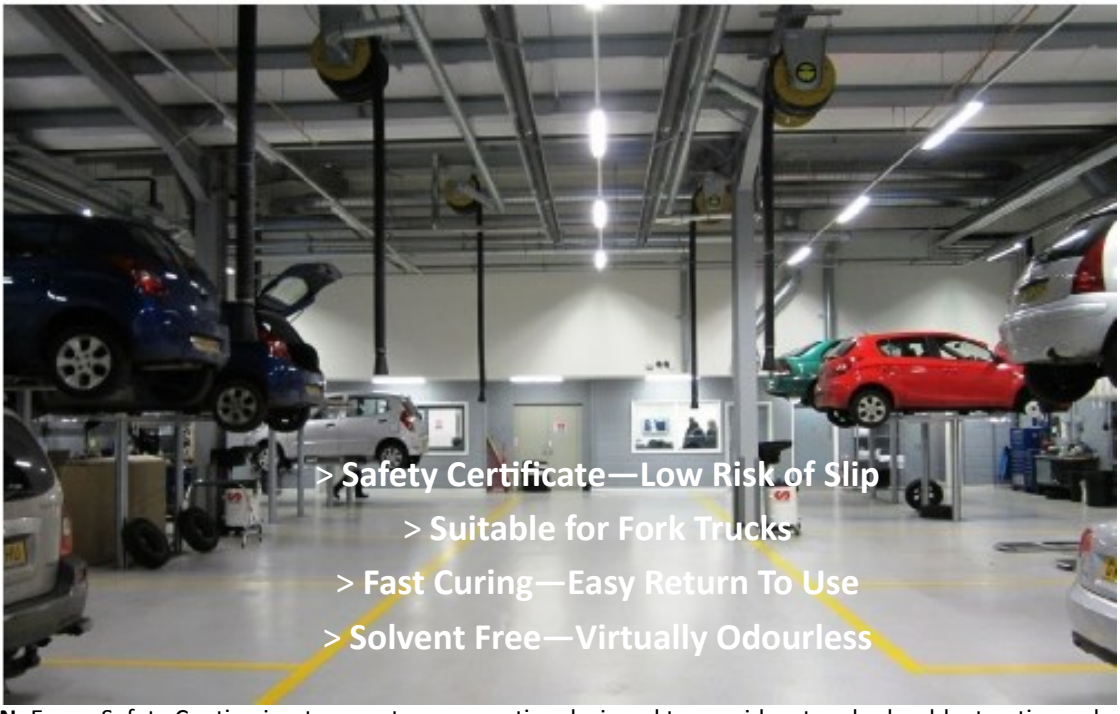
Epoxy Safety Coating



DESCRIPTION: Epoxy Safety Coating is a two-part epoxy coating designed to provide a tough, durable, traction enhanced flooring for concrete and timber surfaces. Having excellent chemical and abrasion resistant properties make it ideally suitable for food production areas, workshops and all floors that demand a safe, slip resistant and hygienic surface.

USES: Ideally suitable for production areas, warehouses, workshops, plant rooms, goods in/out areas, in fact any floor that is heavily trafficked by fork lift trucks, pallet trucks, cars and pedestrians.

PREPARATION: Surfaces must be clean, dry, sound and free from grease, oil and other forms of contamination. On new concrete the concrete laitance should be removed by acid washing using Concrete Etch and rinsed thoroughly with cold water. For best results Vacuum Track Shot Blasting is recommended. This coating may also be applied onto previously painted floors providing the existing floor paint is perfectly sound and well abraded. Fill all holes and face up all cracks etc with Epoxy Filler or Patching Mortar. On porous concrete, prime first, normally the day before, with one coat of Epoxy Sealer.

MIXING: Empty the entire contents of Pack “B” into Pack “A” and stir using a mixing paddle and electric drill. Ensure you reach the sides and bottom of the container during the mixing process. Having mixed the entire contents must be used within 40 minutes.

APPLICATION: Apply the coating immediately after mixing by roller. One or two coats can be applied. For best results apply two coats. Do not apply too generously otherwise the slip resistance will be compromised. Apply at a coverage rate of approximately 25 square metres per 4.5 litre pack. The second coat must be applied within 7 days. If this period is exceeded then lightly abrade the surface with carborundum papers to form a key for the second coat.

HEALTH AND SAFETY: Read the Health and Safety Data Sheet prior to handling this product.

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COVERAGE: 4.5 Litres will cover approximately 25m^2 depending upon the site conditions.

POT LIFE: When fully mixed approximately 30 minutes. Extended pot life at lower temperatures, reduced at high temperatures.

CURING /HARDENING TIME: Tack free in 12 hours @ 20°C. Re-coatable in 12 hours @ 20°C. Do not use at temperatures below 4°C. Full cure in 7 days.

CHEMICAL RESISTANCE: Resistant to spillages of most chemicals commonly met within industry.

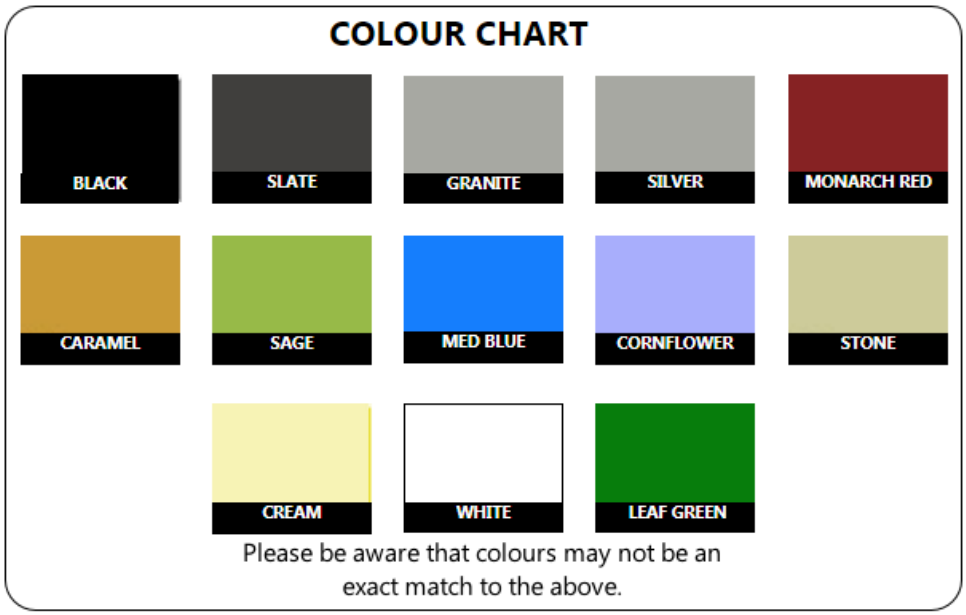
PROPERTIES OF THE SYSTEM

PARAMETER	UNIT	FIGURE	METHOD
Hardness 13°C, 24 hours	Shore D	58	DIN 53505
23°C, 24 hours		69	
23°C, 7days		77	
Compressive Strength	N/mm2	91.72	EN ISO 604
Bending Tensile Strength	N/mm2	72	EN ISO 178
Tensile Strength	N/mm2	41	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm2	2	DIN EN 13 578
Abrasion resistance	mg	55	Taber (CS10,1000, 1000)

SLIP RESISTANCE: The fully cured product offers excellent slip resistance. Certified when tested to BS 7976-2 Mean PTV (Dry) 70 (Low Risk of Slip) Mean PTV (Wet) 60 (Low Risk of Slip)

POT SIZES: 750ml Pot, 2ltr Pot and 4.5ltr Pot

COLOURS: Available in a range of colours



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