

Safety Coating WB

Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

SAFETY

- ▲ **Twin Pack - 50/50 Mixing Ratio - No Waste**
- ▲ **Can be walked on after 4 hours**
- ▲ **Slip Resistant Finish**
- ▲ **Solvent Free - Virtually Odourless**



THE SAFETY RANGE

We have been manufacturing a range of safety products for almost three decades. This range of floor sealers and coatings offer excellent durability, strength, wear resistance, chemical resistance and slip resistance.

SAFETY COATING WB

This grade is water based making it ideal for painting floor areas that are damp and being odourless is perfect for application in busy factory areas. This tough, chemically resistant coating will provide long term protection against fork trucks and offer good chemical spillage resistance. Can be applied to floors ,walls and ceilings. Applied internally and externally.

Available in 2, 4.50 and 9 Litre twin pack

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Safety Coating WB

PRODUCTS LIMITED

Manufacturers of High
Performance Floor
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Re-Surfacing Screeds

SAFETY

DESCRIPTION

SAFETY COATING WB is a two-part epoxy coating, designed to provide a durable, traction enhanced flooring for dry or damp concrete, timber and metal substrates. Excellent chemical, abrasion and slip resistance.

USES: It will provide protection to floors that require high levels of durability and is ideally suitable for Production Areas, Warehouses, Workshops, Plant Rooms, Goods In/Out areas, Sports Changing Rooms in fact any floor that is heavily trafficked.

PREPARATION: Surfaces must be clean, sound and free from grease, oil and other forms of contamination. Surfaces can be damp or dry. Concrete laitance should be removed by acid washing using CONCRETE ETCH and rinsed thoroughly. For best results and for large areas Vacuum Track Shot Blasting is recommended. This coating can be applied onto previously painted floors providing the existing floor paint is sound and well bonded to the concrete. Existing paint must be abraded with carborundum papers to provide a key. Ensure the temperature of the base concrete is above 5°C prior to painting. Abrade all timber surfaces well. Ensure all metal surfaces are degreased.

PRIMING: For extremely porous concrete dilute the first coat with 10% cold water. Take equal parts from each pot, stir together thoroughly and finally add the 10% water.

MIXING: Take equal parts by volume from each pot labelled Pack B (Hardener) and Pack A (Resin) and stir thoroughly. Alternatively, empty the entire contents from Pack B (Hardener) into Pack A (Resin) and stir together using an electric drill and mixing paddle on a slow speed. Once mixed use all within 45 minutes at 20°C. The higher the ambient room temperature the shorter the useable life (pot life).

APPLICATION: Apply the coating immediately after mixing by paint roller. Two coats are normally required for maximum resistance. For best results apply the second application when the first coat is touch dry and within 7 days.

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

PRODUCT DATA

COVERAGE

1 litre will cover approximately 6m² for the first coat and 8m² for the second coat.

POT LIFE When fully mixed approximately 40 minutes. Extended pot life at lower temperatures, reduced at high temperatures.

CURING /HARDENING TIME

Walk on after 4 hours. @ 20°C 24 hours at 15°C Full strength after 7 days @ 20°C

PRODUCT LIMITATIONS: Do not apply in temperatures below 5°C.

SLIP RESISTANCE

The fully cured product offers a "Low risk of Slip" when tested to BS 7976-2 . Results:- Mean PTV (Dry) 70 (Low Risk of Slip) Mean PTV (Wet) 60 (Low Risk of Slip)

It is important to point out that reasonable practicable measures need to be taken to ensure the surface is safe to use. This may include an effective cleaning regime, regular inspections for wear and the removal of free standing water.

SURFACE ROUGHNESS (Rz)

Mean 24.10 (Low slip risk)

CHEMICAL RESISTANCE

Resistant to spillages of most chemicals commonly met within industry. Seek advice from our Technical Department.

PROPERTIES OF THE SYSTEM

Parameter	Unit	Figure	Method
Hardness 23°C, 7 Days	Shore D	75	DIN 53505
Bending Tensile Strength	N/mm ²	65	EN ISO 178
Tensile Strength	N/mm ²	35	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm ²	2	DIN EN 13 578
Abrasion resistance	mg	50	Taber (CS10,1000, 1000)

TOOL CLEANING Warm water and detergent

PACK SIZES Available in 1, 2 and 4.50 litre twin packs.

COLOURS A range of colours are available.

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