



A **SHERWIN-WILLIAMS** Company

REF : PRWB 2016 06

Resuprime WB

DESCRIPTION

Resuprime W.B. is a low viscosity epoxy resin, high solids primer and bonding agent for bonding cementitious screeds to existing surfaces. Resuprime W.B. can be used in conjunction with Resupol, PISB and PIWC. Resuprime W.B. can be applied to surfaces with residual moisture, but should only be used where there are good drying conditions to ensure proper film formation.

ADVANTAGES

- Low odour
- Non taint
- Superb adhesion
- Use as a floor sealer or primer
- Case-hardens and dust proofs
- Hygienic

RECOMMENDED USES

- For priming Resupol, PISB and PIWC
- Schools
- Warehouses
- Factory units
- Food units
- Automotive workshops

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
70 microns (Per coat)	50 %	5 kg.	1 X Base 1 X Hardener	12 Months (Base & Hardener)	Keep out of direct sunlight. Store in a dry place, not below 15°C

DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
5 kg. will cover 30 sq m @ 70 microns thickness	Up to 1.5 hour's from mixing	Overnight 6 - 8 Hours	24 - 48 Hours	48 - 72 Hours	Up to 7 Days



Specification

Product : Resuprime WB

Finish : Satin Finish

Thickness : 70 microns approximately per coat

Colour : Clear

Products required for this system

Prime : n/a

System : As Specified

Surface Seal : As specified

Preparation

Surfaces to be coated must be clean, sound, dry and free of any contaminants that could impair good adhesion. Air temperature should be 5-30°C with humidity 70% RH maximum. Ensure good drying conditions prevail throughout the application and cure of the product.

New Concrete Floors: New concrete must be clean and sound and with surface laitance removed preferably by enclosed shot blasting or mechanical grinding, a minimum strength of 25N/mm² is required.

Existing Concrete Floors: Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing.

Defects in the slab should be made good using **Resupatch** or **Resuscreed 43**. Joints etc. should be sealed with suitable materials. Where polymer screeds are intended to run across day joints, these should be sealed properly before priming. Where expansion joints are to be carried through, these should be protected to prevent infil.

Application

Resuseal WB can be applied by roller or brush to most surfaces, two coats are recommended to provide a uniform and even finish.

Pre-stir the base to ensure that any separation is re-dispersed. The entire contents of the hardener must be added to the base and mixed thoroughly preferably with a low speed drill and mixing paddle for a minimum of two minutes.

Care must be taken when mixing to ensure that the hardener is properly dispersed. Avoid air entrapment into the product.

Materials should be applied in a generous coat, taking care to avoid pooling on the surface and being worked into the surface by brush or short pile roller.

Enhanced adhesion can be achieved by scattering the surface of the coating with dry powder of the screed whilst still wet. **Resuprime W.B.** when applied as a single complete coat forms a barrier to the passage of moisture, however, it should not be considered as a substitute for a damp-proof membrane. Where a surface damp proof membrane is required, **R.S. Dampshield** should be used in up to a 3 coat application.

Variations in temperature and humidity during the cure period can significantly affect the rate of drying.

Maintenance and Cleaning

RSL recommend that **Resuprime WB** should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising **R.S. Industrial Floor Cleaner** or similar with dirty water being removed. Isolated localised cleaning can be carried out using **R.S. Tyre Mark Remover**, **R.S. Fats & Grease Remover** & **R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Please refer to RSL for Cleaning Advice

Category Guide

FeRFA Category : 1

Technical Information

The following figures are obtained from laboratory tests and our experience with this product.

Slip Resistance	Dry > n/a
Method BS7976 pt1-3 2002	Wet > n/a

The slip resistance of a floor surface can vary as a result of the installation process, conditions at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For further advice on potential wet areas please consult RSL.

Abrasion Resistance	n/a
Method BS8204 /ASTM D4060	

Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
------------------------	--

Chemical Resistance	n/a
---------------------	-----

Compressive Strength	n/a
----------------------	-----

Flexural Strength	n/a
-------------------	-----

Tensile Strength	n/a
------------------	-----

VOC	<1 g/l
	Calculation based on a full mixed unit

Life Expectancy	Dependant on resin floor system
-----------------	---------------------------------

Health and Safety

Resuprime WB is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by Resin Surfaces Limited or its agents is based on the information supplied by the purchaser. Resin Surfaces Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.

Tel : + 44 (0) 161 483 1232 Fax: + 44 (0) 161 483 2565
Email : info@resinsurfaces.co.uk Web : www.resinsurfaces.co.uk
Registered in England : 1659941 Vat No : GB 373 485 624