



AquaBlocker P948

Water Resistance Primer for Concrete

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1.0 Description

AquaBlocker P948 is an epoxy based penetrative primer for concrete, C/S screed and plaster for receiving most types of onward coating like Epoxy, Polyurethane, Polyurea and Acrylic, etc. It is a specialist primer designed for withstanding back-pressure water penetration arising from new laying concrete with high moisture content and rising damp from ground floor.

AquaBlocker P948 is highly penetrative up to 3-10mm of general grade mortar to form a water-tightness barrier and at the same time reinforce the abrasion, impact, compressive resistance more than 30%.

2.0 Technical data

Item	Data	Environmental Condition
Products Designation	2- component, Epoxy resin	
Relative Density	1.12±1	
Viscosity	3.8±0.5	15 ^o C
Surface Tension 10 ⁻⁵ N/cm	39±1	20 ^o C
Initial Curing	8 - 30 hours	5 ^o C – 33 ^o C
Compressive Strength BS 6319 Part 7	>75 MPa	
Tensile Strength BS 6319 Part 7	>25MPa	
Adhesion Strength (with concrete) BS EN 12615	> 4.5MPa	
Resistance to Hydrostatic Pressure	> 5Bar	
Water Adsorption	< 2%	

3.0 Typical Application

- Remove all dirt and contamination from substrate
- Ensure no ponding or running water (Damp surface is acceptable) exists on substrate

4.0 Surface Preparation

- Remove any oil and grease from surface to be coated.
- Concrete: Must be cured at least 28 days at 20^oC/68^oF and below 80% R.H, and surface must be grinding or abrasive blasted to remove laitance and other impurities.

5.0 Health and Safety

- Protect skin and eyes, and avoid prolonged breathing of solvent vapours.
- Use with adequate ventilation.
- Respiratory protection is recommended when applying this product in confined spaces or stagnant air.

6.0 Packaging

3 Kg / Set : Part A-2Kg , Part B-1Kg

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