



Epoxyprime P978

2-pack Polyamide Epoxy Primer

1.0 DESCRIPTION

EpoxyPrime P978 is a two-component solvent-free epoxy primer consisting of modified low viscosity epoxy resin and polyamine hardener. It provides excellent tight adhesion between the concrete and subsequent coating including epoxy, polyurethane, Polyurea, Acrylic etc

2.0 TECHNICAL DATA

Specific gravity	1.6 (after mixed)
Colours	Neutral
Mixing Ratio	1 parts of Comp-A to 5 part of Comp-B by Volume + pure quartz powder (>1.5 part)
Soild content	>92%
Pot Life	20 minutes at 25°C
Touch dry	2 hours at 25°C
Full cure	8 Hours
Water Absorption ASTM D570-81 (24 hour immersion)	<0.5%
Flash Point	> 65°C
Compressive Strength BS 6319 Part 2	>75n/mm ²
Tensile Strength BS 6319 Part 7	>15n/mm ²
Adhesion Strength BS EN 12615 P978 vs Mortar P978 vs mild steel P978 vs Cement Roof Tile	>5N/mm ² >7N/mm ² >4.5N/mm ²

3.0 Work Instruction

- **Substrate preparation**
 - Substrates should be structurally sound, dry and not suffer from rising damp. Suitable damp-proof membrane should be installed to prevent this.
 - New concrete floors should be a minimum of 28 days
 - Substrates should have a moisture content of not more than 4% and a relative humidity of not more than 75% at the time of application.
 - For adequate adhesion of coatings to concrete, surface should be free of laitance and have the texture of medium sandpaper. If this is not the case, the surface should be etched with acid or mechanically grinded to provide a texture, the floor is then washed to remove free acid and allowed to dry.
 - Chemical degreasers may be used to remove oil, and grease
- **Product preparation**
 - Mix EpoxyPrime P978 resin (Comp-A), hardener (Comp-B), pure quartz Powder (Labond A801 or 98% purity quartz Powder) using an electric drill with paddle attachment until a homogeneous substance is obtained.
- **Application**
 - Apply EpoxyPrime P978 using fine smooth lambs wool roller.
 - Apply the edges using small paint brushes.

4.0 Precautions

- Temperature range for use: 10°C - 35°C and Humidity RH <85%
- Clean tools and equipment with epoxy thinner before the product dries.
- The product should not be applied onto surfaces with rising damp condition.

5.0 Shelf Life

Up to 12 months in unopened original container

6.0 Storage

Store in a cool dry place.

7.0 Packaging and Coverage

5 litre/set. Approx. 4-6 m² / litre/ coat

