

Dr. Fixit Unibond PVA 201



PVA BASED BONDING AGENT

Description

Dr. Fixit Unibond PVA 201 is single component bonding agent used to enhance the adhesion and ultimate strengths of most common building materials.

Typical Applications

- Multipurpose bonding agent.
- Surface sealer.
- Repair primer.
- Admixture for cement & mortar.

Features

- Easy to apply by brush, roller & spray.
- Excellent bonding to all common building construction materials.
- Improves workability of mortars & renders.
- Increases durability of mortars & renders by enhancing performance properties.
- Seals concrete surfaces & prevents dust generation.

Packaging

20 litre

Method of Application

1 SURFACE PREPARATION

- When used as a bonding primer all surfaces should be clean, sound and adequately prepared.

2 APPLICATION

- Dr. Fixit Unibond PVA 201 is not recommended where permanent dampness or water immersion occurs, for such application Rokbond SBR is recommended.

3 PRIMING

- Dr. Fixit Unibond PVA 201 can be used to prime plasterboard, plaster, render, mortar and most porous materials.
- After surface preparation, apply two undiluted coats of Dr. Fixit Unibond PVA 201.

4 BONDING AGENT FOR PLASTERS

- For cementitious heavier renderings & toppings, apply two coats as above and then apply key coat by mixing OPC 53 grade cement, washed and dry sharp sand and Dr. Fixit Unibond PVA 201 in 1:1:1 ratio (PBW), along with sufficient water to achieve a liquid slurry consistency. Apply mixed material over primer coat at a thickness of 3 mm and stipple with a stiff brush or otherwise roughen the surface to provide a good mechanical key. Allow to cure and harden as per standard construction practice.

5 CONCRETE REPAIR

- Prepare the surface and apply primer coat as above and allow it to become tacky.
- Prepare a sand/cement mix in a proportion of 1:2. Add undiluted Dr. Fixit Unibond PVA 201 to achieve the desired consistency. Apply compact and finish using a steel trowel.

Renderers

For rendering, the following mix design is suggested for 10-15 mm thickness

- OPC - 42.5 - 50 kg
- Graded sharp wash sand - 150 kg
- Dr. Fixit Unibond PVA 201 - 5 litres
- Potable water - 10-12 litres

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Note:

While working in high temperature conditions (above 35°C) store the material in shade and use cold water for mixing.

Technical Information

PROPERTIES	RESULTS
Appearance	White viscous liquid
pH	8 - 10
Sp.Gravity@20°C	1.08
Chloride content	Nil
Compatibility with cement	Can be used with all type of cements

Storage

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

Health and Safety

This product is a water based emulsion of non-hazardous polymer. It is non-flammable and essentially non-toxic. Normal industrial hygiene procedures should be adhered to particularly when spraying and it is recommended that gloves and eye protection be worn. In case of skin or eye contact thoroughly irrigate with water and seek medical advice if any irritation develops or persists. In the case of accidental ingestion, wash mouth out with water and seek medical attention. Spillages should be cleaned up immediately with water as they will leave a film on evaporation. See MSDS for further information.



DR. FIXIT offers a wide range of Structural Protection and Waterproofing systems:



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



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TILE ADHESIVES & GROUTS

BONDING AGENTS

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