



PLASTER BONDING AGENT 830

Single component, water based with non-toxic and non-inflammable concrete bonding agent with the latest formulated technology containing PVA homopolymer and medium viscosity that have been polymerize into resins that are suitable at high humidity exposure.

PRODUCT DESCRIPTION

Plaster Bonding Agent 830 (mainly used for plastering) is a water base resin bonding agent that can be applied on base substrate for cement mortar and all types of cementitious products. It is a single component, water based with non-toxic & non-inflammable concrete bonding agent with the latest formulated technology containing stabilized polyvinyl acetate with polyvinyl alcohol to form polymeric resin and medium viscosity to suit on high humidity exposure..

BENEFITS

- Suitable for all kind of surface.
- High tensile strength and flexural strength.
- Moisture resistance.
- No de-bonding & no pop up tiles.
- Long open time.
- Withstand high vibration/movement.
- Cost efficiency.
- Easy to identify.
- Easy to use and time saving.
- No hacking or chipping needed before application.

FIELD OF APPLICATION

- Used to create a bonding layer between a variety of surfaces.
- Plastering – Shear wall, column, steps and ramp.
- Bond to surfaces – Bricks, blocks, metal, PVC and glass block.

APPLICATION INSTRUCTION

SURFACE PREPARATION

The concrete surface must be clean and free from loose laitance, oil, grease, dust and surface contamination such as mould oil, curing membranes (if used/old concrete), etc. Before applying **PLASTER BONDING AGENT 830**. Substrate must be structurally sound and do not apply over paints or material which is soluble in water.

PRECAUTIONS

Substrate with curing compound, hardener, sealer must be compatible with plaster **Plaster Bonding Agent 830**. Painted or concrete surface should be at least 7 days cured before apply **Plaster Bonding Agent 830**. Glossy paint surface needs to be dulled with an abrasive. Do not apply where hydrostatic pressure is present in substrate. Ensure that receiving surface has been properly prepared in accordance to manufacturer instructions.



TYPICAL PROPERTIES

Technical Data Chemical Base	→ Polyvinyl acetate polymer
Density Lbs/Gal/Kg/L	→ 8.9(1.07) ASTM D1457
Solid Weight	→ > 48% ASTM D5207
Tensile Strength	→ ≥ 1.00 N/mm ² above (28 days)

PRODUCT

Liquid Colour: Blue,Green

COVERAGE

1 litre / 11m²

Note:

- Plaster Bonding agent 830 reacts when in contact with cement mortar.
- Do not dilute with water.

PACKING

20 litre

SHELF LIFE

12 months if unopen and stored in a dry shaded area.

APPLICATION

Apply a single layer of **PLASTER BONDING AGENT 830** with paint roller onto the surface. Let it dry for approximately 30-60 minutes until it forms a semi-transparent coating. Continue plastering or rendering work as normal..

OPTIONAL

Mix **Bonding Additive 103** (100g) to enhance the strength of cement for hydrostatic pressure or special design. (Refer to manufacturer instructions accordingly).

(Note : DO NOT mix with water or any form of liquid.)

Legal Note

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