

## 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.

## FIELD OF APPLICATION

- Plastering - shear wall, column, steps and ramp.
- Bond to surfaces - bricks, blocks, metal, PVC and glass block.

## ADVANTAGES

Variant applications

- 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

## PRODUCT INFORMATION

<b>Colour</b>	Liquid green in colour
<b>Chemical</b>	Polyvinyl acetate polymer

## PACKAGING

20 kg pail

## COVERAGE

11m<sup>2</sup> per litre.

Note:

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

## **SHELF LIFE**

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

## **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). Before applying Plaster Bonding Agent 830 the substrate must be structurally sound and do not apply over paints or material which is soluble in water.

### ➤ **Application of Plaster Bonding Agent 830 for tiles on base substrate**

Can be applied with brush, roller to form thin blue film over entire substrate. Allow to dry in approximately 30 minutes to an hour (depends on site condition) apply Tile Adhesive 330 + OPC as tiles bedding /proceed with plastering works or other cementitious material. Apply 2<sup>nd</sup> coat of Plaster Bonding Agent 830 on the back of the porcelain tile, ceramic tile homogeneous tile, marble, etc. After application, Plaster Bonding Agent 830 can withstand until 7 days before installation works.

## **OPTIONAL**

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

## **PRECAUTIONS**

Substrate with curing compound, hardener, sealer must be compatible with 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.

### **Legal Note**

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