



PRODUCT DESCRIPTION

Bonding Agent 880(mainly used for tiling) 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

- High tensile strength and flexural strength.
- Moisture resistance.
- No de-bonding & no pop up tiles.
- Long open time.
- Withstands high vibration/movement.
- Cost effective.
- Easy to identify.
- Easy to use and time saving.
- No hacking or chipping needed before application.
- Used to create a bonding layer between a variety of surfaces.
- Tiles installations Homogeneous/porcelain tile/marble for wall and floor.
- Plastering Shear wall, column, steps and ramp.
- Bond to surfaces Bricks, blocks, metal, PVC and glass block.

BONDING AGENT 880

High technology formulated polymeric resin designed to create a homogeneous bond between porous and non-porous surfaces. A water based product containing polyvinyl acetate and stabilized with polyvinyl alcohol, creating a medium viscosity liquid.

TYPICAL PROPERTIES

Technical Data Chemical Base

Polyvinyl acetate

Density Lbs/Gal/Kg/L

8.9(1.07) ASTM D1457

Solid Weight

> 48% ASTM D5207

Tensile Strength

 \geq 1.00 N/mm² above (28) days) When used together with Tile Adhesive 330.

PRODUCT

Liquid Colour: Blue

COVERAGE

1 litre / 11m

Note:

- Bonding agent 880 reacts when in contact with cement mortar.
- Do not mix with water or any form of liquid.

PACKING

20 litre

SHELF LIFE

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

(Refer to manufacturer instructions accordingly).

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 BONDING **AGENT 880** Substrate must be structurally sound and do not apply over paints or material which is soluble in water.

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 then proceed with plastering works or other cementitious material. Apply 2nd coat of BONDING AGENT 880 on the back of the porcelain tile, ceramic tile homogeneous tile, marble and etc. After application, BONDING AGENT 880 can withstand until 7 days for installation works.

PRECAUTIONS

Substrate with curing compound, hardener, sealer must be compatible with **Bonding Agent 880.** Painted or concrete surface should be at least 7 days cured before apply Bonding Agent 880. 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.







FOR TILES ON TILES

Apply **BONDING AGENT 880** over entire tiles substrate to form thin blue film. Allow to dry in approximately 30 minutes to an hour (depends on site condition), apply **TILE ADHESIVE 330** + OPC as tiles bedding or proceed with plastering works. Apply 2nd coat of **BONDING AGENT 880** on the back of the porcelain tile, ceramic tile, homogeneous tile, marble, etc. After application, BONDING **AGENT 880** able to withstand up to 7 days for installation works.

Legal Note

The information and any recommendations relating to the application and end-use of all Super Builders products are provided in good faith based on Super Builder knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Super Builders. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions. Please consult our technical department for further information

SB BUILDING SOLUTIONS SDN. BHD. (1345035-A) (Formerly known as DSCAFF BUILDING SOLUTIONS SDN. BHD.)







