



## PRODUCT DESCRIPTION

**Tile Adhesive 330** is a high strength powdered adhesive for wall and floor applications. Suitable to use over concrete, cement render, screeds (internal and external applications). Tile Adhesive 330 is also suitable for all types of tiles. **Tile Adhesive 330** must be used together with Bonding Agent 880 to a tiling system.

## BENEFITS

- Excellent bond strength.
- High strength powdered adhesive.
- Must be used together with Bonding Agent 880.
- Cost effective.
- No odour.
- Environmentally friendly packaging.
- Hydrates – chemically cures.
- Excellent rheology & workability.
- No latex required.
- Good workability.

## FIELD OF APPLICATION

- Concrete.
- Cement render.
- Brickwork.
- Blockwork
- Tiles installations - Porcelain tile, ceramic tile, homogeneous tile, marble and etc for wall or floor..

## APPLICATION INSTRUCTION

### SURFACE PREPARATION

- All surfaces must be clean, dry and free from dust, grease, wax, oil, laitance, curing compounds and all other contaminants that are likely to affect the adhesive bonding. Substrates and back of tiles must be primed with Bonding agent 880 prior to tiling.

- Concrete should be allowed to cure for 28 days and cement render 7 days prior to tiling. A wood float finish is preferred. Smooth steel trowel finished concrete must be mechanically abraded to increase adhesion. If apply on waterproofing surface the surface must be thoroughly dry

### MIXING INSTRUCTION

- A bag of 25kg of **TILE ADHESIVE 330** powder should be mixed with 50kg of ordinary Portland cement (OPC)
- In ratio 1:2 (tile adhesive 330@25kg+OPC 50kg) 19.40 – 19.80 litres of clean water.
- Use a slow speed mixer (300.500rpm) and mix for a minimum of 3 minutes to produce a homogeneous consistency. After a maturity time of 3 minutes, mix the material again for 1 minute to attain long workability. Material which began to set must not be mix again or dilute as this will affect the final properties.

### PRECAUTIONS

- Avoid eye and skin contact as the product is alkaline
- Gloves, goggles and dust mask should be worn
- Avoid inhalation of dust during mixing
- Wash thoroughly after handling
- In case of eye contact, flush with plenty of water. Seek medical help immediately.



# TILE ADHESIVE 330

Polymer modified cement based tile adhesive suitable for vertical and horizontal installation of ceramic tiles, porcelain, homogeneous or other natural stones. It can be use for both internal and external application with minimum bedding thickness of wall 3mm - 5mm, floor 5mm - 8mm. Non toxic and Non inflammable.

## TYPICAL PROPERTIES

<b>Compliance</b>	→	BS EN 13007-1
<b>Appearance</b>	→	Cementitious grey powder
<b>Wet density</b>	→	1.40g/cm <sup>3</sup>
		In ratio 1:2 (tile adhesive
<b>Mixing ratio</b>	→	330@25kg+OPC 50kg) requires 19.40 – 19.80 litres of clean water.
<b>Pot life</b>	→	1-2 hours
<b>Tensile strength (28 days)</b>	→	≥ 1.65 MPa
<b>Slip</b>	→	≤ 0.5 mm
<b>Open time</b>	→	20-30 mins
<b>Setting time</b>	→	24 hours
<b>Ready to use</b>	→	14 days
<b>Thickness</b>	→	Up to 10 mm

## COVERAGE

1.5kg / m<sup>2</sup> / mm

## PACKING

Available in 25 kg bag.

## SHELF LIFE

Shelf life 12 months from manufacturing date. Store in a cool shaded area, away from direct sunlight and elevated areas to avoid water areas.

## APPLICATION INSTRUCTION:

- All surface must be structurally sound, dry, clean and free from grease, oil, paint, wax and any traces of foreign materials that may effect adhesion
- Defective and unsound substrate must be repaired prior to tile application.
- Minimum 7 days curing is required for cement sand wall back screed before receiving tile application.
- Dusty substrate must be clean and damped with water prior to the applications.
- Apply a thin layer of Bonding Agent 880 on Substrate and back of tile.
- Spread the adhesive onto the substance using a 6mm x 6mm notched trowel for the installation of wall tiles up to 150mm x 150mm
- For installation of floor tiles or wall tiles larger than 150mm x 150mm use a 10mm x 10mm to a 12mm x 12mm notched trowel
- The recommended minimum final bed thickness is 3mm-5mm for wall, 5mm-8mm for floor. Do not spread more than 1 m<sup>2</sup> of adhesive at any one time.
- Press tiles firmly before the adhesive skins, ensure that all the tiles are well bedded and that no voids occur under the tiles.
- Grouting can be carried out 24 hours after the completing of tiling.
- Ensure to leave adequate wall and floor joints.
- Allow **TILE ADHESIVE 330** to set for 24 hours before grouting. It is recommended for this **TILE ADHESIVE 330** to be used together with BA880 for optimum results.
- See Bonding Agent 880 Application Instruction.

## CURING & PROTECTION

- Tiles laid must be protected from adverse weather conditions and loading for at least 24 hours
- Allow adhesive to set for 24 hours before grouting

### 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.)

Unit A-3A-4 ,Northpoint Office, No. 1 Medan Syed Putra Utara, Mid Valley City, 59200 Kuala Lumpur, Malaysia

+603 6413 3926

www.superbuilders.com.my info@superbuilders.com.my