

Technical Data Sheet

JB-Superior-Grout

Premium Tile Grout

DESCRIPTION

JengaBond® JB-Superior-Grout is a high quality, high polymer-modified, high performance tile grout with excellent water-repellent and efflorescence resistance properties, formulated for grouting glazed tiles, mosaics, vitrified and fully vitrified tiles, ceramic tiles, industrial tiles, granites, marbles, and other natural stones. JengaBond® JB-Superior-Grout delivers higher strength, water resistance, and stain resistance compared to standard cement grouts.

AREAS OF APPLICATION

Walls & Floors ✓
 Interior & Exterior ✓
 Dry Areas ✓
 Showers ✓ (1)
 Swimming Pools ✓ (2)
 Heavily Trafficked Floors ✓
 Movement / Vibration ✓

(1) Do not use showers for at least 2 weeks following completion of grouting.
 (2) Do not fill pool for at least 3 weeks following completion of grouting.

FEATURES

- High bond strength
- Excellent water-repellent property
- Non-shrink
- Better efflorescence and stain resistance
- Suitable for joint width of 1 – 6 mm
- For interior and exterior use
- Available in range of colours

COLOURS

White	Alpine Blue
Ivory	Dark Blue
Cream	Copper Brown
Beige	Dark Brown
Yellow	Terra Red
Mushroom	Burgundy
Pink	Grey
Light Green	Steel Grey
Dark Green	Dark Grey
Blue	Black

PHYSICAL PROPERTIES @ 27 ± 1°C

Joint Width	1 – 6 mm
Pot Life	30 minutes
Curing Time	24 hours
Temperature Resistance	-30°C to 150°C
Mixing Ratio (Water : Grout)	1 : 3
Compressive Strength @ 24 hrs	Min. 5.00 kN
Compressive Strength @ 48 hrs	Min. 9.00 kN
VOC Content	5.19 g/L

COVERAGE ESTIMATES

Consumption depends on joint width and tile size.
 Refer to the theoretical coverage calculation below:

$$(L + B) \times T \times J \times 1.80 \div (L + J) \times (B + J) = \text{kg/m}^2$$

Wet density = 1.80. All dimensions in mm.

Tile Size (L×B×T mm)	2mm	3mm	4mm
200×300×6	5.56	3.85	2.86
300×300×8	5.26	3.57	2.70
300×600×10	5.56	3.70	2.86
450×450×10	6.25	4.17	3.23
600×600×10	8.33	5.56	4.17
800×800×10	11.11	7.69	5.56
1000×1000×10	14.29	9.09	7.14

Coverage per kg (in sq.m) | Pack Size: 1 kg & 5 kg

Application Instructions

Surface Considerations:

- Before commencing grouting the adhesive bed must be set. Clean the joints of all adhesive and all other contaminants such as efflorescence, laitance, dirt, and other loose material using a grout raker.
- All joints should be made wet with clean water.
- Ensure the joints are dry before grouting commences.
- Movement Joints: provide in accordance with BS 5385 Parts 1–5 and fill with the appropriate flexible sealant. Intermediate floor joints should be reinforced with brass or stainless steel. Use stainless steel where hygiene is essential.

Mixing:

Take pre-measured water in a clean mixing vessel. Add JengaBond® JB-S-GROUT and mix until a slump-free smooth paste of uniform colour is obtained. If an electric drill mixer is used blend on slow speed (less than 300 rpm). Avoid entraining air by mixing at too high a speed or by over-mixing. Do not reconstitute the mixed grout by adding more water as this will reduce the final strength.

Application:

- Using a grout float or rubber squeegee compact the mixed grout into the joints ensuring they are completely filled. Work in small areas and remove as much excess grout from the tile surface as possible. Do not exceed the working time of the grout.
- Allow about 15 minutes for the grout to dry. Using a dampened sponge, clean the tile/stone surface diagonally to the joint lines.
- Finally wash down with clean water and sponge to remove any dried grout film from the tile/stone surface.
- Once the grout has sufficiently set within the joints, polish the tile/stone surface with a clean cloth. Alternatively give a final wash down with clean water using a dampened sponge.

Note:

- A. Care should be taken to avoid staining tile/stone when grouting with coloured grout. This is especially applicable when grouting unglazed floor tiles/stone or quarry textured surfaces. Check the potential risk of staining by applying grout to a small trial area first.
- B. If certain dark shades are used, initially grout colour may bleach, but after 2–3 water washes the temporary colour lightening will stop.
- C. Where chemical resistance, hygiene, and sterile conditions are important use JengaBond® JB-EP-GROUT3K.

CLEANING

Tools and containers may be cleaned using clean water when the grout is still fresh. Hardened grout can be removed from tools mechanically.

STORAGE AND SHELF LIFE

JengaBond® JB-S-GROUT has a shelf life of 12 months when stored in normal dry conditions.

PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves, and eye/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes, rinse immediately with clean water and seek medical advice. Refer to current MSDS for full safety information.

Note

The technical data contained in this datasheet are based on laboratory testing and site experience and are provided in good faith. BGSB Construction Products Ltd reserves the right to amend technical data without prior notice and accepts no liability for loss or damage arising from incorrect use, inadequate preparation, or failure to follow the instructions herein.