



BRITFLEXI - PREMIUM GROUT -

A HIGHLY POLYMER MODIFIED, FLEXIBLE WATER/FROST RESISTANT GROUT WITH ANTIMICROBIAL PROTECTION BUILT IN FOR USE ON WALL AND FLOOR TILES. SPECIFICALLY DESIGNED FOR GROUT WIDTHS UP TO 20MM. SUITABLE FOR BOTH INTERIOR AND EXTERIOR USE IN BOTH WET AND DRY CONDITIONS. CONFORMS TO AND EXCEEDS BS EN 13888 CG2WA STANDARDS.

- INTENDED USE:

BritFlexi is suitable for grouting wall and floor tiles including ceramics, slate, limestone, marble, glazed and fully vitrified porcelain, terrazzo, natural stone, glass and ceramic mosaics. BritFlexi grout is particularly suitable for areas subject to slight movement or vibration and can be used with underfloor heating systems.

Ensure that the underfloor heating system has been off for 48hrs prior to the installation and is then turned on gradually after 7 days. BritFlexi grout can be mixed with Brit Superflex for enhanced flexural strength for use on timber floors which have not been overboarded with 15mm plywood.

- PREPARATION:

The substrate must be sound and free from any excessive movement. Ensure tiles are securely fixed and that all open grout joints are clear from excessive adhesive. Grout joints must also be clean, dry and free from loose debris.

When grouting over a large area that requires the use of more than one bag of BritFlexi grout, we recommended that the mixes be from the same batch date to give uniformity of colour across the installation.

WARNING - Grout can cause staining/scratching to certain types of tiles and cause surface discolouration. We recommended the use of a suitable tile protector and advise that the grout be mixed and tried on a spare tile to check compatibility before grouting begins.

- MIXING RATIO:

Slowly add the BritFlexi grout into a vessel containing clean, cold water (*mixing table can be seen on page 2*). BritFlexi grout should be mixed either by hand or with a mechanical mixer to form a smooth, lump free mortar. Mix as desired and allow to stand for 2 minutes before re-mixing for 30 seconds. NOTE - do not mix more material than what can be used in a 60 minute time period.



TECHNICAL DATA SHEET

Ver. 2.00

(Updated 01/08/18)

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- MIXING RATIO:

Do not use excessive water during mixing or during the clean down process, as this can lead to poor strength development and efflorescence forming on the grout surface. Work the mixed grout into the joints with a rubber backed grout float or squeegee, ensuring that the joints are completely filled and compacted.

Mixing Volumes per Bag Size:

2.5kg Bag:

Add 2.5kg BritFlexi Grout into a vessel of 550ml of clean, cold water.

5kg Bag:

Add 5kg BritFlexi Grout into a vessel of 1.25ltrs of clean, cold water.

10kg Bag:

Add 10kg BritFlexi Grout into a vessel of 2.2ltrs of clean, cold water.

- COVERAGE:

Coverage will depend on the size of the tile, joint widths and depths. The formula below will give the amount in the form of kg/m².

$$\frac{\text{Tile Length (mm)} + \text{Tile Width (mm)} \times \text{Joint Width (mm)} \times \text{Joint Depth (mm)} \times 1.6}{\text{Tile Length (mm)} \times \text{Tile Width (mm)}}$$

Common tile sizes and coverage per bag size.

TILE SIZE (MM)	JOINT WIDTH (MM)		
	3	5	10
600 x 600 x 10	15.6m ²	9.2m ²	4.7m ²
330 x 330 x 10	8.6m ²	5.2m ²	2.6m ²
150 x 150 x 8	5m ²	2.9m ²	1.5m ²
24 x 24 x 10	0.6m ²	0.4m ²	0.2m ²

2.5kg Bag

Available Colours
White, Silver Grey,
Manhattan Grey,
Medium Grey,
Jasmine, Beige,
Limestone, Anthracite,
Chocolate and Black

TILE SIZE (MM)	JOINT WIDTH (MM)		
	3	5	10
600 x 600 x 10	31.2m ²	18.4m ²	9.4m ²
330 x 330 x 10	17.2m ²	10.4m ²	5.2m ²
150 x 150 x 8	10m ²	5.8m ²	3m ²
24 x 24 x 10	1.2m ²	0.8m ²	0.4m ²

5kg Bag

Available Colours
White, Moon White, Ancient White,
Caribbean, Jasmine, Limestone,
Beige, Aspen, Sand, Biscuit, Vanilla,
Almond, Golden Dust, Sandstone,
Gravel, Silk, Chocolate, Silver Grey,
Manhattan, Medium Grey, Grey,
London Grey, Tornado, Anthracite
and Black

TILE SIZE (MM)	JOINT WIDTH (MM)		
	3	5	10
600 x 600 x 10	62.4m ²	36.8m ²	18.8m ²
330 x 330 x 10	34.4m ²	20.8m ²	10.4m ²
150 x 150 x 8	20m ²	11.6m ²	6.0m ²
24 x 24 x 10	2.4m ²	1.6m ²	0.8m ²

10kg Bag

Available Colours
White, Silver Grey,
Manhattan Grey,
Medium Grey,
Jasmine, Beige,
Limestone, Anthracite,
Chocolate and Black



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- TECHNICAL:

All work should be carried out in accordance to the following Codes of Practice:

- BS 8000: Workmanship on Construction Sites
- BS 5385: Wall and Floor Tiling
- APPLICATION TEMPERATURE: Between 5 °C and 30 °C
- POT LIFE: 1 hour
- CONTACT WITH WATER: 3 days
- FULL USE: 24 hours*

*NOTE - The above times refer to site conditions of 20 °C. These times will be increased at lower temperatures and reduced at elevated temperatures.

- CLEANING:

Remove excess grout from the tile surface as work proceeds. Allow the grout to become touch dry before using a dampened hydro sponge / sponge board to clean the surface of the tile diagonally to the grout joints. Ensure to rinse out the sponge frequently with clean water. NOTE - do not allow water to enter un-grouted joints.

- MAINTENANCE:

Brit Adhesives recommended the use of its range of Sealers and Cleaners for maintaining tile and grout performance.

- STORAGE:

Store un-opened in original packaging in cool, dry conditions. BritFlexi Grout has a shelf life of 12 months from the date shown on the packaging.

- HEALTH & SAFETY:



WARNING IRRITANT!
Contains Portland Cement



WEAR DUST MASK



PROTECTIVE CLOTHING



WEAR SAFETY GOGGLES



WEAR SAFETY GLOVES

ALWAYS WEAR PROTECTIVE WORKWEAR

Keep away from animals and children. Wet cement can cause irritation, dermatitis and/or burns. Wear suitable protective clothing, gloves, eye/face protection.

This product contains an active biocide, 2-Octyl-2H-Isothiazol-3-one (OIT), to inhibit fungal growth on the surface of the grout (e.g - Listeria, Saimonella, E-Colli) and black mould. Attention: This product contains 2-Octyl-2H-Isothiazol-3-one (OIT) which may produce an allergic reaction.

BritFlexi grout contains a reducing agent to control levels of Chromium VI. If stored correctly the activity of the reducing agent will be maintained and the product when mixed with water will produce no more than (0.0002%) 2ppm soluble Chromium VI of the total dry weight of the cement. Use of the product after the end of the declared shelf life may increase the risk of an allergic reaction.

NOTES: The information given is without prejudice and is believed to accurate and complete. BRIT ADHESIVES goods are guaranteed against defective materials but we have no control over the site conditions, misuse of the product or the quality of the workmanship. BRIT ADHESIVES accepts no liability for any direct or indirect consequential loss or damages arising or resulting from the use of this information. Timber subfloors should be installed according to manufacturers' instructions and site conditions should be taken into consideration.