

TECHNICAL DATA SHEET

Grout Flex15

13/08/26

A flexible, fast-setting, cementitious grout for walls and floors

Key Features

- Available in 17 colours
- Polymer-modified for flexibility and increased adhesion
- Use in joints up to 15mm wide
- Durable, efflorescence-free and mould-resistant
- Easy to apply and wash off
- Suitable for use with underfloor heating and in wet areas



Technical Information

Classification (EN 13888)	CG2 WA	
Pack size(s)	3kg & 10kg	
Number of colours	17	
Water required	240-270ml / kg	
Powder to water ratio by volume	Approximately 3:1 (3 parts powder to 1 part water)	
Application temperature (air and background)	≥ 5°C	
Joint width	1-15mm	
@20°C	Pot life	40 minutes
	Set time	4 hours

Colours available:



Areas of Use					
Walls and Floors	Interior and Exterior	Wet and Dry Areas	Domestic and Commercial	Water Piped and Electric Underfloor Heating	Limited Movement/Vibration

Suitable Tiles					
Porcelain	Ceramic	Natural Stone	Glass	Terrazzo	Agglomerate

Coverage

Coverage will vary depending on the dimensions of the tiles and the joint width. The table below shows the approximate coverage per bag for a range of tiles with different joint widths.

For accurate grout coverage, please use the coverage calculator, available at www.kelmore.co.uk

Tile Size	2mm Joint Width		3mm Joint Width		4mm Joint Width		5mm Joint Width	
	3kg ↓	10kg ↓	3kg ↓	10kg ↓	3kg ↓	10kg ↓	3kg ↓	10kg ↓
200x100x7mm	9.8m ²	32m ²	6.5m ²	21m ²	4.9m ²	16m ²	3.9m ²	13m ²
600x300x8mm	25m ²	83m ²	17m ²	56m ²	12.9m ²	43m ²	10.3m ²	34m ²
600x600x10mm	31m ²	103m ²	20m ²	66m ²	15m ²	50m ²	12m ²	40m ²
800x800x10mm	41m ²	136m ²	27m ²	90m ²	20m ²	66m ²	16m ²	53m ²

Preparation

Ensure the adhesive has set sufficiently and the tiles are firmly fixed. The joints must be clear of excess adhesive and free from contaminants. When grouting very porous tiles, dampen the joints with clean water before applying the grout.

Mixing

Pour the water into a clean mixing bucket. Gradually add the powder, and mix thoroughly until a smooth, creamy, slump-free consistency is achieved. Allow the mixed grout to stand for 2 minutes then remix briefly before use. If mixing the grout with a mechanical paddle mixer, use a low speed to avoid entraining air in the product.

Application

Use a grout float to fully fill the joints, removing excess grout from the tile face as work proceeds. Once the grout has firmed up in the joints, remove any residues using a damp sponge. Ensure the sponge does not contain excess water and is frequently rinsed out in clean water. Allow the grout to harden before removing any remaining grout haze with a clean, dry cloth.

Set times and in-service use (at 20°C)

- Grout *Flex15* will set after approximately 4 hours.
- In dry areas, normal service can resume after 24 hours.
- Showers must not be used for at least 72 hours after grouting.
- Whilst still allowing the product to air cure, external tiling must be protected from frost and rainfall for 48 hours.
- After completing installations on backgrounds incorporating underfloor heating, the heating system should not be run for 10 days. Following this period, the floor temperature must be gradually raised to its optimal operating temperature, with an increase of no more than 2°C a day.
- Swimming pools should not be filled for at least 3 weeks after completion of the grouting.

Notes:

- Cementitious adhesives should only be used when both air and background temperatures are 5°C or higher. If the temperature falls below 5°C, the chemical reaction required for the adhesive to set is hindered, dramatically slowing the curing process. Normal setting will only resume once temperatures rise. However, if temperatures drop below freezing before the adhesive has fully set, the integrity and performance of the product will be compromised.
- Only mix the grout with the specified amount of water. Using too much or too little can compromise the performance and appearance.
- Tiles susceptible to staining must be adequately sealed before grouting.
- To ensure suitability, a trial application should be carried out before using Grout *Flex15* on soft tiles prone to scratching.
- Grout *Flex15* is suitable for use in swimming pools with non-aggressive water conditions only.

Cleaning: All tools should be cleaned with water after use and before the product sets.

Health and Safety: Safety Data Sheet is available on our website or on request using the contact details below.

Storage and Shelf Life: When stored in unopened packaging, off the ground, and in cool, dry conditions, this product has a shelf life of 18 months.

BS & EN Standards: Product should be used in accordance with the requirements of the relevant British and European Standards.

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Kelmor Ltd, The Dell, Berry Way, Chorley, PR7 6RA
Tel: +44 (0)1257 830511 Web: www.kelmor.co.uk
Email: technical@kelmore.co.uk

Supplied in the EU by: Kelmor EU Ltd
Tel: +353 (1)263 5959 Web: www.kelmor.ie
Email: technical@kelmore.co.uk



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