

Grout *Flex15*

03/02/25

Kelmore's Grout *Flex15* is a highly flexible, polymer modified, fast setting, cementitious wall and floor grout that can be used in joints up to 15mm wide. Available in a range of popular colours, all complimented with a matching silicone, this efflorescence-free, mould-resistant grout is easy to apply and wash off, delivering full, functional and aesthetically pleasing joints. Ideal for use with underfloor heating systems and offering exceptional durability in wet areas, such as power showers and swimming pools, it is suitable for both interior and exterior use. Versatile and reliable, this grout is perfect for domestic and commercial applications. Grout *Flex15* has been manufactured to the highest of standards using unique technologies, extensive knowledge and outstanding raw materials. When compared to the production of traditional cementitious grouts, this results in a significant reduction in CO₂ emissions.



Grout *Flex15*

Classification (EN 13888)	CG2 WA	
Pack size	3kg and 10kg	
Number of colours	17	
Powder to water ratio (by volume)	Approximately 3½:1 (3½ parts powder to 1 part water)	
Water required	230-250ml per kg	
Application temperature (air and background)	≥ 5°C	
Joint width	1mm to 15mm	
@20°C	Pot life Set time	40 minutes 4 hours

Colours available:



Areas of Use

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

Suitable Tiles

Porcelain	Ceramic	Natural Stone	Glass	Terrazzo	Agglomerate
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Coverage

The coverage will vary dependent on the size and thickness of the tile and the joint width. The table below shows the coverage per 3kg and 10kg bag when used with tiles of various sizes. **Please note:** To allow accurate grout calculation, a coverage calculator is provided on our website www.kelmores.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 clean, free from contaminants, and clear of excess adhesive. When grouting very porous tiles, dampen the joints with clean water before applying the grout.

Mixing

Mix approximately 3½ parts powder to 1 part clean, cold water by volume. As a guide, a 3kg bag of Grout Flex15 requires about 700–750ml of water, and a 10kg bag requires about 2.3–2.5L of water. Pour the water into a clean bucket before gradually adding the powder. 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

Apply the mixed grout to the wall or floor using a grout float or squeegee. Work the grout into the joints until they are completely filled, ensuring any surplus grout is removed from the tile face as work proceeds. Once the grout begins to stiffen in the joints, use a damp sponge to remove any residues. Ensure the sponge is damp, not wet, and that it is frequently rinsed out in clean water. After the grout has sufficiently hardened, any remaining grout haze can be removed using a dry, clean cloth.

Set times and in-service use

At 20°C, Grout Flex15 will set after 4 hours, and in dry areas normal service can resume after 24 hours. Showers must not be used for at least 72 hours after grouting, and 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. Swimming pools should not be filled for at least 3 weeks after completion of the grouting.

NOTES:

- Cementitious grouts should only be applied when both air and background temperatures are 5°C or higher. If the temperature falls below 5°C, the chemical reaction required for the grout 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 grout has fully set, the integrity and performance of the product will be compromised.
- In conditions above 30°C, the grout's setting time will be significantly accelerated, which can make it difficult to work with. When grouting in higher temperatures is unavoidable, steps must be taken to keep the air, background, water, and products as cool as possible.
- Only mix the grout with the specified amount of water. Using too much or too little can compromise its performance and appearance.
- To prevent potential staining, susceptible tiles must be adequately sealed before grouting.
- Some soft or porous tiles may be prone to scratching or surface discoloration during grouting. A trial application should be carried out beforehand to ensure suitability.
- 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 For detailed information, please refer to and follow the advice stated on the SDS (Safety Data Sheet) which can be accessed on our website – www.kelmores.co.uk or alternatively by contacting Kelmores Ltd.

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 5385 Grout *Flex15* should be used in conjunction with work carried out under the British Standard Code of Practice for Wall and Floor Tiling.

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