



## TECHNICAL DATA SHEET

NOV 2025 Ver 01 - PALWJ 25.11.25



## FLEXIBLE WIDE-JOINT

FLEXIBLE WALL & FLOOR  
TILE GROUT

- Easy to mix & use
- For use with grout joints up to 20mm
- For internal & external application
- Suitable for power showers & swimming pools
- For heated sub-floors

### DESCRIPTION

**PALACE WIDE-JOINT** is a steel grey cementbased, polymer modified grout, for tile joints from 3-20mm wide. **PALACE WIDE-JOINT** can easily be applied across all types of tiled surfaces using a grout float or rubber squeegee. **PALACE WIDE-JOINT** dries to give improved flexural strength, ideal for floors where slight movement & vibration is possible. Suitable for internal and external locations and in fully immersed locations including swimming pools. **Conforms to BS EN 13888 Type CG2WA**

### SURFACE PREPARATION

Check that all tiles are securely fixed and that the adhesive has thoroughly dried before applying any load or pressure to the tiled surface. Ensure all joints are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied in all areas and do not leave water standing in joints.

**Note:** Certain types of tiles like natural stone and un-glazed tiles are porous and may be prone to surface discolouration, especially when applying coloured grouts. Some tile glazes are also very soft and could potentially be scratched by the grout during application. Apply grout to a spare tile or test area to check first before grouting the whole tiling project.

### TECHNICAL DATA

UNIT SIZE	10kg
COLOUR	Steel Grey
JOINT WIDTH	3 - 20mm
TIME UNTIL FOOT TRAFFIC	16 hours*
WORKING POT LIFE	3 hours*
INITIAL SET TIME	4 - 5 hours @ 20°C*
APPLICATION TEMPERATURES	5 - 25°C
CLASSIFICATION	CG2WA

\* Dependent on temperature, substrate and site conditions

EN ISO 45001



OHS 596309

EN ISO 14001



EMS 85788

EN ISO 9001



FM 01010

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## MIXING

Use a clean mixing bucket. Slowly add powder to water and use a slow speed mechanical mixer with consistent agitation to achieve a smooth lump-free paste. A mix ratio of approximately 3:1 powder to water is recommended and the smooth fresh paste should be left for 10 minutes to firm up prior to use. If using a mechanical drill mixer, do not exceed 300rpm and avoid excessive air entrainment. The mixed paste will have a working pot-life of about 3 hours and will be set firm after 16 hours.

## APPLICATION

Use a grout float or rubber squeegee to work the grout thoroughly and consistently into the tile joints, removing the excess as work proceeds across the tiled area. Fine grout residues should be washed away with a damp (not soaked) cloth or sponge within 20 minutes of initial application, with a final clean finish being achieved using a semi-dry cloth to polish the surface when the joints have dried and hardened 2 to 3 hours later. Always ensure cloths are clean and free from any contamination and no excess water remains on the cleaned surface. Due to its fast setting & polymer fortified properties, **PALACE WIDE-JOINT GROUT** will be more difficult to remove from the tiled surfaces than standard wall or floor grout when dry therefore extra care is necessary to ensure residues are completely removed as the application proceeds before the grout begins to set. If completing a shower, do not use shower for at least 2 weeks (BS 5385: Part 4:2009, clause 7.2.1). **Note:** Part-used grout should not be "freshened up" with additional water, but should be discarded once workability is lost.

## PRECAUTIONS

Do not grout more than approx. 2 sq. metres at a time, otherwise the grout may become increasingly difficult to remove from the tiled surface if allowed to dry. Always check that porous floor tiles can be washed clean and will not absorb the colour of **PALACE ANTI-MOULD GROUT** before applying.

**Note:** When using more than 1 pack of grout always ensure they are derived from the same batch number and maintain the exact water addition for each subsequent mix. If completing a shower or pool, DO NOT use for at least 2 weeks. (BS 5385 Part 4 clause 7.2.1).

## COVERAGE

Grout coverage depends upon tile size, joint width and depth. The following table may be useful to estimate the quantity of **PALACE WIDE-JOINT GROUT** required:

JOINT WIDTH	TILE SIZE (MM)	COVERAGE (KG/M <sup>2</sup> )	M <sup>2</sup> / 5KG
6	150 x 200 x 6	0.67 kg/m <sup>2</sup>	10.00
6	200 x 250 x 10	0.86 kg/m <sup>2</sup>	14.29
8	100 x 100 x 8	2.00 kg/m <sup>2</sup>	25.00
8	150 x 150 x 6	1.00 kg/m <sup>2</sup>	16.67



STEEL GREY

## STORAGE

Keep the product sealed until use in dry, well ventilated conditions at an ambient temperature and away from all sources of damp. When kept in its original sealed state in a permanently dry environment, this product will retain a shelf life of up to 12 months from date of manufacture. Should further technical information be required, contact the Palace Technical helpline on 0151 486 6101.

## HEALTH & SAFETY



**Causes Serious Eye Damage. Causes Skin Irritation.**

**May Cause Respiratory Irritation. May Cause An Allergic Reaction**

Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection or face protection (mask). Use only outdoors or in a well ventilated area. IF IN EYES: rinse cautiously with water for several minutes, remove contact lenses, continue rinsing and immediately call for medical assistance. IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs seek medical attention. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, call for medical assistance.

**Contains:** Octyl Isothiazolinone

A complete PALACE material safety data sheet is available on request or online at [www.palacechemicals.co.uk](http://www.palacechemicals.co.uk)

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### QUALITY & ENVIRONMENT

All Palace Chemicals products are manufactured under a BSI accredited ISO 9001:2015 Quality Management System, along with an ISO 14001 Environmental Management system continually working to reduce our carbon footprint.

### TECHNICAL ADVICE

For advice on tile installation products call the Palace Chemicals Technical Helpline on 0151 336 9104.

### DISCLAIMER

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or use of our products because we have no direct or control over where and how our products are stored and used. All products are sold and guaranteed subject to our terms and conditions of sale, copies of which may be obtained on request.

### CLASSIFICATION

UK CA	C €	UK NI
1289 - 21		
Palace Chemicals Ltd, Speke Hall Industrial Estate, Speke, Liverpool L24 1YA		
DoP - 47-19		
<b>EN 13888 - CG2WA</b> Improved cementitious grout with additional characteristics of reduced water absorption and high abrasion resistance		
Release of dangerous substrates		See MSDS
Abrasion resistance		> 1000mm <sup>3</sup>
<b>Strength as:</b>		
- Compressive strength (dry)		≥ 15.0 N/mm <sup>2</sup>
- Compressive strength (freeze thaw)		≥ 15.0 N/mm <sup>2</sup>
- Flexural strength (dry)		≥ 2.5 N/mm <sup>2</sup>
- Flexural strength (freeze thaw)		≥ 2.5 N/mm <sup>2</sup>
<b>Shrinkage:</b>		
- Shrinkage		< 3.0 N/mm <sup>2</sup>
<b>Water absorption:</b>		
- Water absorption at 30 mins		< 2.0g
- Water absorption at 6 hours		< 5.0g
Resistance to fire		NPD

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