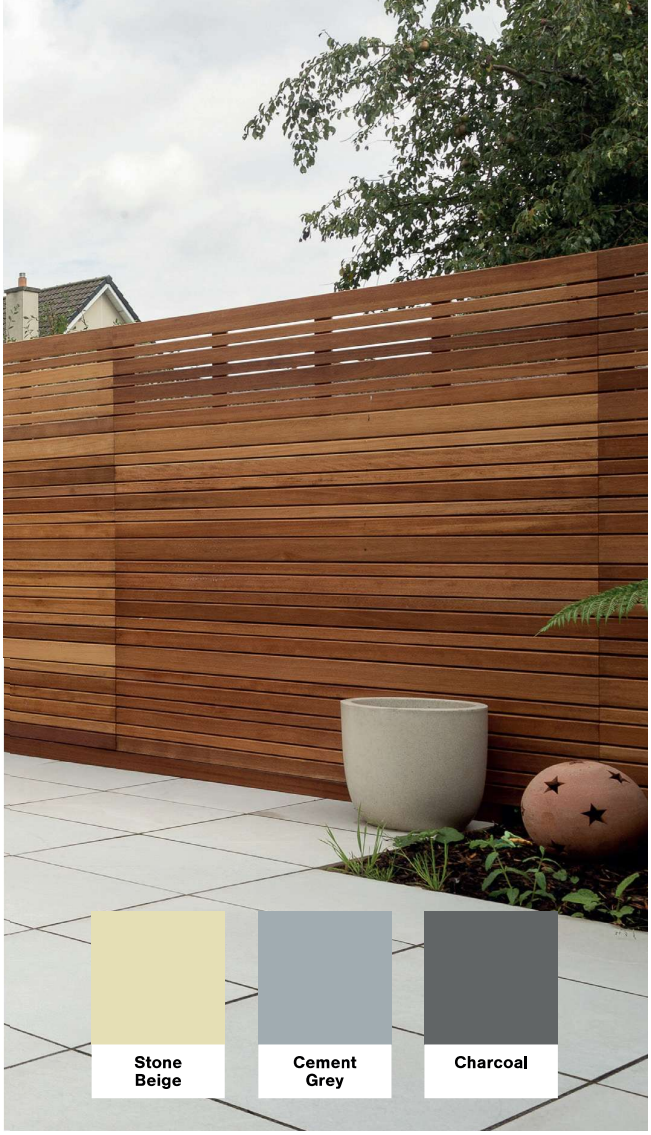



Rock-Tite Flow-Grout 3a

Paving Dimensions				
Length (mm)	Breadth (mm)	Depth (mm)	Joint Width (mm)	Approximate Coverage 15kg Tub (m²)
400	400	20	5	15.5
600	600	20	5	23.1
800	800	25	6	20.5
1000	1000	25	6	25.6

Walk On Drying Times (In dry, warm conditions with moderate humidity [~ 65% RH]):	**3** Hours

High Strength 5-25mm Jointing Compound

- Rapid setting
- Suitable for porcelain paving slabs
- Super smooth & highly flowable
- Ideal for joints up to 25mm
- Durable colour stable mortar
- Exceptional bond strength
- Suitable for interior & exterior use
- Weather resistant

Rock-Tite Flow-Grout

High Strength 2-25mm Jointing Compound

DESCRIPTION

Palace Rock-Tite Flow-Grout mixes readily with water to give a highly flowable joint filling & grouting mortar ideal for use on floor surfaces where a high early strength, resilient, compact grout joint is needed, particularly in areas subject to early & sustained trafficking. Available in a range of distinct colours and is suitable for grouting joints internally & externally around porcelain & ceramic tiling and clay paving slabs, filling joints from 5mm up to 25mm wide with a minimum joint depth of 20mm.

Palace Rock-Tite Flow-Grout has a workable open time of up to 1 hour and sets to allow foot traffic within 3 hours curing rapidly to give a high early strength shrinkage compensated durable mortar.

SURFACE PREPARATION

Always ensure the tiled & paved area is stable and secure before proceeding with grouting of the joints. Ensure all joints are raked clear of any excess loose residues and accumulations of water to allow an even and consistent depth of grout to be applied in all areas. Check that all the open joints are free from debris and any pools or ponded water is swept clear to reveal just a wet surface. The receiving surface and joints must be pre-soaked and kept wet until the jointing process has been completed.

Note: Certain types of tile & stone slab may be unduly porous and hence prone to surface discolouration, especially when applying coloured grouts. Natural stone and porous or un-glazed tiles are particularly at risk from permanent discolouration. To avoid the risk of staining always carry out a small trial test, applying freshly mixed grout to a spare tile to determine whether permanent staining is likely and consult the tile manufacturer prior as to whether they recommend a suitable sealing compound to protect the surface. Immediately prior to proceeding with the application, dampen the whole area to ensure the tiled surface is wet (not soaked) prior to grouting the joints.

MIXING

Always add powder to clean, cold water & mechanically mix 1 litres (+/- 200ml) of clean water per 5kg sachet (3 litres per 15kg) of **Palace Rock-Tite Flow-Grout** powder, whilst slowly mixing for 3 to 5 minutes to give a smooth lump-free readily flowable & pourable mortar without excessive aeration from the mixing process, then begin to spread out grout over the tiled area immediately without delay.

APPLICATION

The tiled / paved surface should be kept damp throughout the grout application process, avoiding any pooled areas before the mixed grout is poured over and spread into the open tile joints using a suitable rubber squeegee tool which allows the mortar to be readily spread & compacted into the open joints, moving any excess out across the surface to the next area of open joint, whilst using the squeegee to ensure the least possible mortar residue remains on the exposed tile face. Check back over all treated joints and spread back the mortar to top up sections where the mortar has slumped deeper into the joint, ensuring all are topped up to the level required.

When **Palace Rock-Tite Flow-Grout** has hardened sufficiently to reach initial set (after 1 to 2 hours depending on site conditions) the tiled surface must be cleaned using a wet brush or sponge taking care to remove any excessively wet areas from accumulating in the freshly applied joints. Once the mortar has reached a firm & final set, a clean & consistent finish can be achieved by using a dry cloth to evenly dry and polish the entire grouted area once the joints have begun to harden up. Cleaning must be carried out thoroughly and no mortar resides should be allowed to remain on the tiled / paved surface.

COVERAGE

The coverage of **Palace Rock-Tite Flow-Grout** depends primarily upon the tile / slab dimensions and the joint width & depth. The following table gives a rough guide as to what level of coverage can be achieved with 15kg of **Palace Rock-Tite Flow-Grout** when used with the tile & joint dimension shown below:

Paving Dimensions				
Length (mm)	Breadth (mm)	Depth (mm)	Joint Width (mm)	Approximate Coverage 15kg Tub (m^2)
400	400	20	5	15.5
600	600	20	5	23.1
800	800	25	6	20.5
1000	1000	25	6	25.6

PRECAUTIONS

Palace Rock-Tite Flow-Grout must always be used following the successful outcome of a small trial mix to ensure compatibility with the stone being used as it is not possible to test all stone types. Wash all tools frequently. Mix only enough material to apply into joints within 10 minutes. Never remix or add extra water to extend additional pot life or promote more flow. Wear protective clothing.

Note: As with all cement-based products, low temperatures will retard setting time, whilst higher temperatures will reduce working flow time and promote a faster set.

PALACE CHEMICALS LTD
Speke Hall Industrial Estate
Speke, Liverpool, L24 1YA
Technical Helpline: 0151 336 9104
www.palacechemicals.co.uk

Rock-Tite Flow-Grout

High Strength 2-25mm Jointing Compound

STORAGE

Store in dry internal conditions away from direct sunlight between 5°C to 25°C. The product has an 12 month shelf life from date of manufacture.

TECHNICAL ADVICE

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

HEALTH & SAFETY

Causes Serious Eye Damage
Causes Skin Irritation
May Cause Respiratory Irritation
May Cause An Allergic Skin Reaction

Keep out of reach of children. Avoid breathing dust. Wear protective gloves, protective clothing and eye protection/face protection. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre/doctor. Store container in a well-ventilated place. Keep container tightly closed. Dispose of contents / container in accordance with regulations on hazardous waste for all packaging respectively.

UFI: D280-F0JH-500J-KTX5



DANGER
Contains
Portland Cement

GUARANTEED FOR LIFE GUARANTEED

THE TILE ASSOCIATION
EXCELLENCE IN TILING

MADE IN THE UK

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