

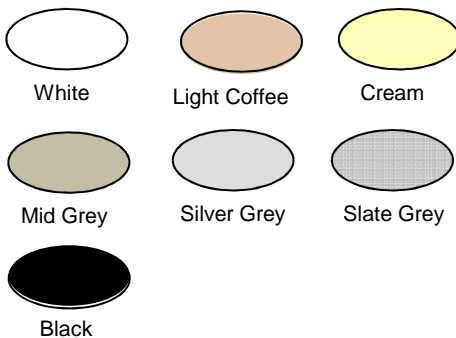
Product Data Sheet

Pavestone Tile Grout

Description

A superior, highly flexible grout with anti-efflorescence and anti-mold properties. Suitable for glass, ceramic, porcelain, mosaic, quarry and natural stone tile. Pavestone Tile Grout has a smooth surface and accommodates both narrow and wide joint applications, is weather resistant and has excellent bonding capabilities to glazed or porous edges of tiles. Once hardened it is unaffected by water and can be used for internal and external tiling in dry and wet conditions, including swimming pools with non-aggressive water conditions.

Available colours



Due to printing process, colours can only be approximate

Features

Suitable for use with Ceramic, Porcelain, Mosaics, Glass and Natural Stone tiles.
 Designed for situations where slight background movement or vibration is likely.
 For use on walls and floors
 Low porosity resists water and dirt penetration
 Suitable for swimming pools.

Application Data

Colours:	White, Cream, Light Coffee, Silver Grey, Mid Grey, Slate Grey, Black,
Mixing Ratio:	Approx 3 volumes of powder into 1 volume clean water . 2.5kg: Approx 600 ml water
Consistency of Mix:	Firm smooth paste
Joint Width:	2 – 20mm
Grout MF Factor	1.8
Pot Life:	45 - 60 minutes dependent on temperature.
Set Time:	Approx 3 hours dependent on temperature.
Installation Temperature:	Minimum 5°C
Operating temperature:	-20°C to 100°C
Packaging	10kg Tubs with 2 formed and sealed 5kg bags

EN 13888 Test Methods

EN 12808-2	Abrasion Resistance
EN 12808-3	Flexural and Compressive Strength
EN 12808-4	Shrinkage
EN12808-5	Water Absorption

Pavestone Tile Grout

Preparation

Ensure tiles are firmly fixed and joints are clean, free of dust, excess adhesive and bedding mortar and any other contaminations that will hinder the adhesion of the Flexible Grout Plus. In hot, dry conditions joints should be damped, not soaked before grouting. Tiles which have been fixed to impervious surfaces such as dense concrete or existing glazed tiles should not be grouted for several days after completion of fixing; this will allow the moisture from the adhesive to dry out through the joints. Grouted swimming pools should remain empty for 3 weeks before being filled with "balanced water".

Mixing

Pour in to a clean mixing container the required amount of clean cold water slowly add the powder whilst stirring thoroughly until a creamy, easily worked mortar is obtained. Higher temperatures shorten the working time. The mixing proportions by volume of Flexible Grout Plus are approximations only.

Grout Application

Using a rubber squeegee, work the mixed grout mortar thoroughly into the clean joints ensuring they are completely filled. Remove surplus grout as work proceeds and clean off at regular intervals with a clean damp sponge before the grout sets. The joints should be finished off as flush with the tile surface as is practicable. When re-grouting an existing installation ensure the old grout has been thoroughly raked out of the joints, taking care not to damage the edge of the tiles. Avoid getting grout into the surface of tiles with a rough surface. Excessive use of water when mixing or during application or cleaning, overworking the grout in the joints or forced drying may cause shade variation and must be avoided. Polishing of the tiles is best carried out with a clean, dry cloth and should begin only when the grout has set firm enough not to be damaged (Approx 3 hours).

Calculations

Coverage

will change when using different tile/joint dimensions and are set as a guide only:-

Shelf Life

12 months in unopened bags from the date of packing.

Storage

This product must be clear of the ground stored under dry conditions. Protect from frost.

Cleaning

Tools should be cleaned frequently in water to avoid the adhesive drying on. Residual adhesive must be washed off the face of the tiles before it dries.

Precautions

Certain types of tile may be prone to surface discolouration or scratching when using this grout, e.g. some natural stone or absorbent, textured or soft glazed ceramic tiles. Consult BS 5385: Part 1: 1995 for further information. If in any doubt carry out a trial application.

Health & Safety Advice

Pavestone Tile Grout Plus is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Grout contains cement, (grey material contains Chromium VI), may cause an allergic reaction. Contact with water causes an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes. Wear suitable protective clothing, gloves and eye/face protection. Keep away from children.

The relevant Material Safety Data Sheet can be obtained from www.pavestone.co.uk or directly from Pavestone UK Ltd at the address below.

Calculating Grout Coverage

$\frac{(\text{tile length} + \text{tile width}) \times \text{tile thickness} \times \text{joint width}}{\text{tile length} \times \text{tile width}} \times \text{MF FACTOR } (=2)$	
Wall Tiles	
200 x 100 x 6mm - 3mm joint	0,54kg/m ²
150 x 150 x 5,5mm - 3mm joint	0,44kg/m ²
250 x 330 x 7mm - 4mm joint	0,40kg/m ²
600 x 330 x 10mm - 5mm joint	0,48kg/m ²
Floor Tiles	
300 x 300 x 8mm - 4mm joint	0,42kg/m ²
400 x 400 x 9mm - 5mm joint	0,45kg/m ²
600 x 600 x 10mm - 4mm joint	0,27kg/m ²
150 x 150 x 12mm - 8mm joint	2,56kg/m ²
Natural Stone	
100 x 100 x 10mm - 6mm joint	2,40kg/m ²
300 x 300 x 12mm - 6mm joint	0,96kg/m ²
300 x 300 x 20mm - 3mm joint	0,80kg/m ²
600 x 400 x 12,5mm - 8mm joint	0,84kg/m ²