

PATIO GROUT JOINTING COMPOUND

15KG

10056 Natural, 10057 Grey, 10058 Basalt, 10082 Pure Black, 10095 Pure Graphite, 10096 Pure Light Grey

A quick and easy way of applying a permanent joint with no special machinery or equipment required.

• Ready-To-Use • Weatherproof • Weed Resistant • Non-Staining

MATERIAL

Ready to use kiln dried quartz sand, suspended in plant oils and organically prepared on the basis of soaked liquid polybutadiene.

SETTING TIMES

The times indicated are based on temp's. of 20°C and 65% humidity - Cold/wet weather increases the setting times - warm/dry weather decreases them. Read on for a greater understanding.

Glean Patio Grout is a compound that is oxygen cured. It therefore needs air to start and complete the setting process. Inclement weather conditions will not prevent the use or application of Patio Grout but it will affect the time it takes for the compound to cure and set hard.

Cold conditions can increase the setting time considerably - freezing weather will cause the process to slow down and it can take many days for the joints to set hard. Whilst it may be slow in setting, it will eventually go hard and the cold weather and frost will not have impaired its qualities in any way.

Similarly, whilst the Patio Grout is wet, either through rainfall or the application of water whilst laying it, the setting process will be suspended. Prolonged periods of rain, or several intermittent showers may considerably extend the setting times indicated. But again, whilst it may slow the setting process, it will eventually set hard and the rain will not have impaired its qualities in any way.

To summarize, in temperatures of 20°C and with humidity of 65%, the joint needs to be free from water for about 24 hours for the curing process to complete.

WET APPLICATION METHOD

In warm and dry weather as indicated, pedestrian areas are safe to walk on after approximately 12 -18 hours and will set hard after approximately 24 hours. It will be fully load bearing after approximately 3 days of consistent warm and dry weather. More time should be allowed for vehicular driveways (up to 3 tonnes loading) - once the joint is set hard to the touch, allow a further 7 days before allowing traffic on it.

DRY APPLICATION METHOD

In warm and dry weather as indicated, pedestrian areas are safe to walk on after approximately 8 - 12 hours and will set hard after approximately 18 - 24 hours. It will be fully load bearing after approximately 2 - 3 days of consistent warm and dry weather. More time should be allowed for vehicular driveways (up to 3 tonnes loading) - once the joint is set hard to the touch, allow a further 5 days before allowing traffic on it.

Note: Patio Grout continues to harden for several weeks and achieves its full strength after about 3 to 4 weeks. Reduce wastage by saving any unused product by submerging it in 2 inches of water.

LIMITATIONS

- Do not use on joints narrower than 3mm.
- Joint depth must be a minimum of 25mm (preferably 30mm).
- In areas subject to vehicular traffic it is essential that the paving elements are bedded on a class 1 mortar and a high percentage of the mortar is squeezed up the joint, thereby providing support for the paving elements, but maintaining at least a 25mm depth for the compound.
- Patio Grout should be considered for its aesthetics and not its structural properties.
- The jointing should not be cleaned by use of high pressure washers until cured for at least 14 days. The distance between nozzle and jointing must be at least 10cm.
- Always follow the manufacturer's instructions carefully. As the company cannot be aware of all the applications and materials the product may be used on, it is the users responsibility to determine suitability for use.

USAGE PRECAUTIONS

Glean Patio Grout may leave shiny oil film across the surface of the paving. This will be more pronounced if the product has been put in dry so it is recommended wherever possible to use the Wet Application method. This film will, in virtually all instances, fade away with natural weathering and use, although no guarantees of this are given or implied. If in any doubt test a sample before use.

When working with natural stones, particularly porous stone and some darker coloured materials such as Raj Green Sandstone or Black Limestone the residue may be particularly pronounced and may take much longer to fade. It is also possible for particularly absorbent materials to absorb the oils and change in colour (deepen). In such circumstances the colour change may be permanent although it normally “softens” with the passing of time. No guarantees in this respect are given or implied. If in any doubt test a sample before use. The liberal application of water prior to and during the application period will minimise (and in most cases eliminate) the effects previously described.

COVERAGE

The figures given below are approximate quantities required.

Paving Size (mm)	Joint Size 30 x 5 (mm)	Joint Size 30 x 8 (mm)
600 x 600	15.5-16.5 m ² /Tub	10-11 m ² /Tub
600 x 450	13.5-14.5 m ² /Tub	8-8.5 m ² /Tub
450 x 450	11.5-12.5 m ² /Tub	7-7.5 m ² /Tub
600 x 300	10.5-11.5 m ² /Tub	6.25-7 m ² /Tub
450 x 300	9-10 m ² /Tub	5.75-6.25 m ² /Tub
450 x 225	7.5-8.5 m ² /Tub	4.75-5.5 m ² /Tub
300 x 300	7.5-8.5 m ² /Tub	4.75-5.5 m ² /Tub
225 x 225	5.5-6.5 m ² /Tub	3.5-4.25 m ² /Tub

SURFACE PREPARATION

Ensure that the paving to be jointed is clean and free from loose dirt, oil, debris and grease etc. It is essential the joint widths are a minimum of 3mm wide with a minimum depth of 25mm (preferably 30mm). Deeper joints can be filled with dry sand or other materials to meet the required minimum depth.

WORKING TEMP

0 to +40 degrees C*

*Can be used at sub 0 degrees but only as a dry application.

WORKABILITY DURATION

Approx 30 - 45 minutes @ 20°C. Higher temperatures reduce working times. Workability time increases further if applied wet - as long as the compound is saturated it will remain workable. Reduce wastage by saving any unused product by submerging it in 2 inches of water.

JOINT WIDTH

Minimum 3mm

MIN JOINT DEPTH

With Foot Traffic - Minimum 25mm (preferably 30mm)

With Light Vehicular Traffic - Minimum 30mm (subject to a solid base)

DENSITY (APPROX)

1.80 g/cm³

COLOUR

- Natural (Buff Sand/Beige)
- Grey (Stone Grey/Mid Grey)
- Pure Graphite
- Basalt (Very Dark Grey - almost Black)
- Pure Light Grey
- Pure Black

Note - these are natural sands and are not colored with dyes of any kind.

PACKAGING

15kg vacuum packed and hermitically sealed contained with a robust sealed bucket.

SHELF LIFE

Unlimited shelf life provided care is taken over its storage conditions and the product packaging is not damaged.

STORAGE

Submerge any remaining product left in the bag fully in water to preserve it for future use. It is always preferable to store in a cool dry place, however, the material is not damaged by frost or exposure to cold/wet conditions. It is advisable to keep the product protected from high summer temperatures. Protect packaging from punctures or piercings. Any exposure to air will start the curing process.

HEALTH & SAFETY

Keep out of reach of children. Avoid breathing dust, mist. Do not get in eyes, on skin, or on clothing. Wear protective clothing, eye protection, face protection, protective gloves.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

WET APPLICATION

RECOMMENDED & STRONGEST METHOD

Note: Whilst this is the preferred method of application it should not be used when ground temperature are at or below zero. Use the second method described further on in this section.



1. Thoroughly wet the area to be jointed - the wetter the better. Don't worry about water lying in the joints - it will be displaced by the Patio Grout as it is laid.



2. Carefully open the vacuum packed bag and sprinkle about half the contents over the area to be jointed. Using a soft brush, push the Patio Grout into the joints ensuring they are filled with the material. Continue applying the Patio Grout an area of approximately 15 - 20m² has been laid.

3. Flush the compound into the joints with water using a hose on a spray setting. This compacts the compound into the joint ensuring the gap is completely filled. It also aids cleaning the surface.

4. Top up any sagging joints with more Patio Grout. Re-flush with water, as before.

5. Repeat until the whole paving area is complete.



6. To finish off, again gently spray the paving as a final compacting and cleaning process.

7. Allow all the water to drain away and the paving to dry out.

8. For a smoother finish to the joint, once the paving is dry - "point" the joint with a suitable jointing iron or trowel.

9. There is no need to protect treated joints from rain or frost whilst setting although the presence of rain will delay the setting process. Patio Grout only cures when it is dry - therefore rain will slow down the process. If heavy rain has occurred when the joints have been pointed, then it may be necessary to re-visit the job once the weather has cleared to touch up any damaged joints.



10. Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush diagonally to the joint.

DRY APPLICATION

Note: For use when applying in temperatures at or below freezing.



1. Do not wet the surface. The freezing temperatures may cause ice to form in the joints thereby stopping the compound fully settling into the joint.

2. Carefully open the vacuum packed bag and sprinkle about half the contents over the area to be jointed. Using a soft brush, push the Patio Grout into the joints ensuring they are filled with the material. It may be necessary to aid the compacting process by using a pointing iron or similar tool. It is important that the joint is fully filled.



3. Continue applying the Patio Grout an area of approximately 15 - 20m² has been laid.

4. For a smoother finish to the joint, “point” the joint with a suitable jointing iron or trowel.

5. Repeat until the whole paving area is complete.

6. There is no need to protect treated joints from rain or frost once the product is in the joint. However, as with the Wet Method, rain and cold weather will delay the setting process. Patio Grout only cures when it is dry - therefore rain will slow down the process. If heavy rain has occurred when the joints have been pointed then it may be necessary to re-visit the job once the weather has cleared to touch up any damaged joints.



7. Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush diagonally to the joint.