



Marshalls

Creating Better Spaces

INSTALLATION DETAILS FOR MARSHALLS EXTERIOR JOINTING GROUT

General Information

On delivery, the product should be inspected. If there are **any** issues, please report them immediately and do not commence installation.

Health & Safety Information

Safe working practices must be employed at all times during the construction process and all necessary **Personal Protective Equipment (PPE) MUST be worn** as wet cement can cause serious burns.

Before you begin

All product should be laid on a rigid sub base before the application of Marshalls Exterior Jointing Grout. In all cases, create a sump in which to wash excess material; do not allow any excess material to flow into any existing drainage system.

Test the product with a small trial area before you complete the full installation, to ensure compatibility with the chosen paving. Issues arising from a failure to test with the chosen paving will be at the liability of the installer and not Marshalls Plc.

Ensure the paving surface is clean, the joints are free from debris and the bedding mortar is removed to the full depth of the paving unit. Starting with a clean surface and joints will result in a cleaner, smoother, stronger finish.

It is important to bear in mind that different products have different water absorption properties and as such, the application of Marshalls' Exterior Jointing Grout differs slightly dependant on the paving product used.

For porous materials such as natural stone, the surface and joints must be thoroughly pre-soaked. Allow a minimum of 10 minutes for the water to be fully absorbed into the paving and apply more as necessary to ensure the stone is **thoroughly saturated** before application of Marshalls' Exterior Jointing Grout begins.

For non-porous products, dampen the paving surface using a soft spray of water, do not thoroughly drench the paving though as this will cause an excess of water.

In all cases ensure the surface is kept damp until the jointing process has been completed. In warmer weather wetting down must be done more frequently. **Failure to do so can result in staining or picture framing.**

Moisture in the joints should be kept to a minimum to ensure a smooth, consistent finish. We recommend using a leaf blower to remove any excess water from the joints before applying Marshalls' Exterior Jointing Grout.

Using Marshalls' Exterior Jointing Grout

Work with only one 25kg tub at any one time. Add 4.25L of water to a full tub of Marshalls Exterior Jointing Grout and mix for 3-5 minutes until a smooth lump-free consistency has been achieved. Leave to stand for a few minutes before giving a final re-mix. Do not store the mixed product and clean mixing tools immediately after use.

Expel the mix onto the paving area in one pour. Work quickly to apply the Marshalls' Exterior Jointing Grout using a rubber squeegee, working the material diagonally into joints to avoid pushing it out again.

As this is a rapid setting cementitious grout, working time is approximately 5-15 minutes, depending on ambient temperature – warmer temperatures significantly reduce working time. We strongly recommend you **DO NOT** apply Marshalls' Exterior Jointing grout when the ambient temperature is **over 25°C** as this will lead to the product curing onto the surface of the paving; or **under 3°C**.

Constantly move the Marshalls' Exterior Jointing Grout over the surface to repeatedly top up hungry joints in which the grout may have slumped following initial placement and remember; always keep the surface slightly wet during install, using a soft spray of water to avoid blowing the grout out of the joints again. When joints are full, use the rubber squeegee to remove as much of the product as possible from the surface of the paving material.

Leave the grout to dry for a minimum of 30 minutes; then test by pressing lightly with a finger and if the grout has started curing, there will be some resistance. Curing times will be dependent on ambient temperature (Colder temperatures will reduce curing times; warmer temperatures will increase them).

When the Exterior Jointing Grout has hardened sufficiently or achieved its initial set, the surface should be cleaned down using a brush or Wash Boy and copious amounts of clean water. Cleaning must be carried out thoroughly and no grout must be allowed to remain on the surface of the chosen paving.

We **STRONGLY RECOMMEND** a light power wash 24 hours after the jointing installation is complete for a final clean down. **Failure to do so could result in a white residue or staining.**

On large plan size projects, the inclusion of expansion joints should be considered.

Contact Us

- Marshalls Group Technical Services on 0370 411 2233, or by email on grouptechnicalservices@marshalls.co.uk