



for a professional finish in the **minimum time**

Joint Filler: Product Information

Ready to use permanent joint filler for all paving joints over 5mm wide



Product Description

GEO-FIX® Jointing Compound is a unique, ready to use jointing material for all types of paving having joints of 5mm and over.

Features & Benefits

- Jointing compound unaffected by wind, rain washout and mechanical sweeping equipment
- Brush applied - no special skills or equipment needed
- Non staining - attractive and neat finish
- Up to 20 times faster to complete than traditional methods
- Durable joints which are unaffected by frost, salt UVA and chemicals
- Resists weed and plant growth between joints
- Water and air permeable - allows for continued nourishment of tree and plant roots
- Enables ornate paving patterns and designs to be jointed quickly and effectively

Fields of Application

GEO-FIX® Jointing Compound is a quick and easy way of applying a rigid joint over 5mm wide on all types of paving including:

- Natural Stone
- Concrete
- Slate
- Clay
- Terracotta
- Granite

For use on areas subject to occasional light vehicular traffic. **See details on application procedure for use in such areas.

Application Procedure

A trial area should be carried out in order to ensure that the material, colour and finish meet requirements.

Preparation of Substrate

Ensure that the paving to be jointed is dry and free from loose dirt, debris, oil, grease, etc. It is essential that joint widths are a minimum of 5mm wide with a minimum depth of 25mm. Deeper joints can be part filled and compacted with dry sand or other dry materials, to the required minimum depth.

In areas, which are subject to occasional light vehicular traffic it is essential that the paving elements are secured on a Class 1 mortar and that, a high percentage of the mortar is squeezed up the joint thereby providing support for the paving elements.

GEO-FIX® Jointing Compound has superior flexural strength compared to mortar, however, joint failure can still occur in this type of situation.

GEO-FIX® Jointing Compound should be considered for its aesthetic and not its structural properties therefore all paving must be firmly fixed using an appropriate bedding technique to prevent settlement and movement which will have an adverse effect on the jointing material. Where a “wet” fixing technique has been used to bed the paving the mortar must be allowed to dry before application of GEO-fix Jointing Compound. Similarly if rain has occurred prior to application the joints must be allowed to dry out before application of GEO-fix Jointing Compound.

Mixing

GEO-FIX® Jointing Compound is supplied ready to use and does not require any further mixing or addition of any other materials.

Watch points

Use **GEO-FIX® Jointing Compound** within 45 minutes of opening. **In temperatures exceeding 20°C the material must be used within 30 minutes of opening the bag.**

Protect treated joints from rain until fully cured. Any contact with rain and water before the compound has set will affect the product.

Do not use in wet weather.

The jointing should not be cleaned by use of high-pressure washers until cured for 7 days. The distance between nozzles to jointing must be at least 15cm using a fan nozzle.

Packaging

GEO-FIX® Jointing Compound is supplied in hermetically sealed 10kg, 15kg and 20kg packs.

Storage

Store in a cool dry place.

Protect the pack from punctures or piercing. Any exposure to air will start the curing process.

Shelf Life

GEO-FIX® Jointing Compound has a minimum shelf life of 24 months when stored in unopened packs in accordance with the manufacturers instructions.

Application

Carefully open the vacuum-packed bag and sprinkle GEO-FIX® Jointing Compound sufficient to cover an area of 2-3 m² (see coverage table below)

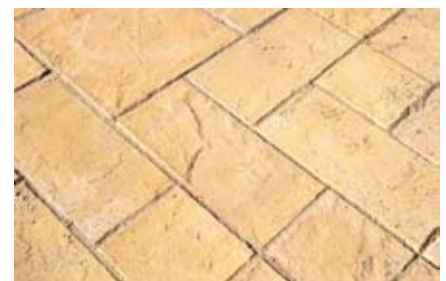
Using a soft brush, push the GEO-FIX® Jointing Compound into the joints ensuring that they are filled with the compound.

Compact GEO-FIX® Jointing Compound into the joints with a pointing tool or by use of a vibrating plate. Top up and compact ensuring a fully compacted and topped up joint before carefully sweeping off any excess with a soft brush ensuring that the material is swept at a 45° angle to the joints.

Finish the surface decoratively giving a smooth flat finish with a pointing tool before moving onto the next area to be jointed

Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush

Material or residue that has been left exposed for more than 30 minutes should NOT be used, as it will be adversely affected.



Coverage

The figures given below are approximate quantities required

	5mm joint width 25mm depth	10mm joint width 25mm depth
Mosaic 60mm x 60mm	6.5 - 7.5 kg m ²	13.5 - 14.5 kg m ²
Small 100mm x 100mm	3.75 - 4.25 kg m ²	7.5 - 8.5 kg m ²
Large 400mm x 400mm	1 - 1.5 kg m ²	2 - 2.12 kg m ²

Technical Data / Typical Properties

**Application Temperature
Limits**

0°C - 35°C

**Freeze/Thaw
Resistance**Exceeds BCLR:
BM2: 1993**Curing Time**6 - 12 hours at 5°C
2 - 6 hours at 20°C

Strength Development

Compressive Strength

1 day

7 N/mm²

7 day

14 N/mm²

28 day

16 N/mm²

Flexural Strength

1 day

3 N/mm²

7 day

6 N/mm²

28 day

8 N/mm²

Material: Ready for use sand mixture with Polybutadiene bonding agent

Density approx: 1.70 g/cm³

Colour: Beige and grey

Storage: Store in cool place out of direct sunlight

Packaging: 10kg, 15kg and 20kg hermetically sealed vacuum packed foil bags

Joint width: Minimum 5 mm

Min joint depth - with foot traffic:
Minimum 25 mm.

Min Joint depth - with light vehicular traffic: Minimum 40 mm

Working temperature: 0°C to + 35°C

Workability duration: *Approx. 45 minutes
* At + 20 °C and 50 % relative air humidity. Working time reduced to 30 minutes

Health & Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

May cause sensitization by skin contact. Keep out of the reach of children. Wear suitable gloves. If swallowed seek medical advice and immediately show this product information, packaging or label.

The following general comments apply to all products.

Solvent Based Products

Use in well-ventilated areas avoiding inhaling. Suitable respiratory Equipment may be needed, e.g. when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

Powder Products

Should be handled to minimize dust formation; use light mask if excessive dust is unavoidable

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately.

Disclaimer

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed.

For additional information or questions, please contact our technical department.