



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Geofix Original Data Sheet

Specification notes

Product: **Geofix Original**

Supplier:

Arcon Construction Supplies
19-20 Prestwood Court
Leacroft Road
Warrington
WA3 6SB

Tel: **01925 852225**

Email: mail@arconsupplies.co.uk

Web: www.arconsupplies.co.uk

Call **01925 852225** or visit [Arcon Construction Supplies](http://www.arconconstruction.com)
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FEB GEOFIX WIDE JOINTING COMPOUND

Ready to Use Permanent Joint Filler for all Paving Joints Over 5mm

Description of Product

FEB GEOFIX WIDE JOINTING COMPOUND is a unique, ready to use jointing material for all paving joints over 5mm.

Available in buff and mid grey.

Fields of Application

Quick and easy way of applying a permanent, rigid joint on all types of paving with joints over 5mm wide. Can be used on most type of paving, including:

- Stone
- Concrete
- Slate
- Clay
- Terracotta

Can be used on areas subject to vehicular traffic eg. retail centres, loading bays, etc. For permanently heavy vehicle traffic, e.g. bus lanes, please contact Degussa Construction Chemicals (UK) for further information.

Features and Benefits

- Permanent jointing compound unaffected by wind, rain washout and mechanical sweeping machines
- Simply to apply - no special skills or equipment needed
- No cement staining, creates attractive and neat finish
- 20 times faster to complete than traditional methods
- Durable joints which are unaffected by frost, salt and chemicals
- Resists weed and plant growth between joints
- Water and air permeable - allows continued nourishment of tree and plant roots
- Enables ornate paving patterns and designs to be jointed quickly and effectively.

Technical Data/Typical Properties

Application Temperature Limits	0°C to 30°C
Freeze/Thaw Resistance	Exceeds BCRL:BM2:1993
Curing Time	6 - 12 hours at 5°C 2 - 6 hours at 20°C

Strength Development

	Sand/Cement Mortar	Feb Geofix Wide Jointing Compound
Compressive Strength		
1 day	4 N/mm ²	6 N/mm ²
7 days	8 N/mm ²	12 N/mm ²
28 days	13 N/mm ²	18 N/mm ²
Flexural Strength		
1 day	5 N/mm ²	7 N/mm ²
7 days	11 N/mm ²	14 N/mm ²
28 days	13 N/mm ²	15 N/mm ²

Application Procedure

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 with a minimum depth of 25mm. Where chamfered paving is used it is important to ensure a minimum 5mm joint throughout the depth of the joint, not just at the chamfered edge. Deeper joints can be part filled with dry sand, or other dry materials, to the required minimum depth.

Mixing

FEB GEOFIX WIDE JOINTING COMPOUND is supplied ready to use and does not require any further mixing or dilution.

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Application

Carefully open the vacuum-packed bag and empty FEB GEOFIX WIDE JOINTING COMPOUND sufficient to cover an area of 4-5m² (see coverage over).

Empty contents of bag onto piece of clean board or polythene and turn over with garden rake or similar for 2-3 minutes before application.

Using a soft brush, push the FEB GEOFIX WIDE JOINTING COMPOUND into the joints ensuring that they are filled with the compound. To ensure a smooth, durable and easily cleaned joint the FEB GEOFIX WIDE JOINTING COMPOUND should be compacted into the joints with a suitable pointing tool.

Coverage

Joint Width	Paving Dimension (with a joint depth of 25mm)		
	250mm x 250mm	450mm x 450mm	600mm x 600mm
5mm	13.0m ²	22.0 m ²	26.5 m ²
6mm	11.0 m ²	19.0 m ²	22.0 m ²
7mm	9.0 m ²	16.5 m ²	17.5 m ²
8mm	7.8 m ²	14.5 m ²	16.5 m ²
9mm	6.5 m ²	12.0 m ²	14.5 m ²
10mm	5.8 m ²	11.0 m ²	13.0 m ²

Based on a 20kg pack

After Use

After application brush off excess with a soft brush, taking care not to brush out any FEB GEOFIX WIDE JOINTING COMPOUND from treated joints. Once cured any residue can be easily brushed off the paving using a stiff brush.

Maintenance

FEB GEOFIX WIDE JOINTING COMPOUND is compatible with most proprietary cleaning chemicals. Well compacted cured joints may be power washed. Under no circumstances should uncured FEB GEOFIX WIDE JOINTING COMPOUND be subject to any water contact.

Cleaning

Clean tools immediately after use with warm soapy water.

Packaging

FEB GEOFIX WIDE JOINTING COMPOUND is supplied in 9kg and 20kg packs.

1 tonne jax pallets are available for site deliveries only.

Storage

Store in a cool dry place.

Protect the pack from punctures or piercing.

Any exposure to the air will start the curing process.

Shelf Life

FEB GEOFIX WIDE JOINTING COMPOUND has a minimum shelf life of 24 months when stored in unopened containers in accordance with the manufacturer's instructions.

Watchpoints

Whilst Feb Geofix eliminates the staining problems associated with using sand/cement mortars it should be noted that on certain types of paving, particularly man made reconstituted stone, differences in porosity, texture, and colour may be temporarily highlighted by using Feb Geofix.

Use FEB GEOFIX WIDE JOINTING COMPOUND within 1 hour of opening.

Protect the treated joints from rain until fully cured.

Do not use at temperatures below 0°C or in wet weather.

If foil bag is soft to the touch, the vacuum has been broken and the material should not be used.

FEB GEOFIX WIDE JOINTING COMPOUND Degussa Construction Chemicals UK Version 7

Health and Safety

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

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg 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 minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

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:

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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