



Never compromise on quality!



# GEO-FIX ALL WEATHER

## Paving Jointing Compound

### Technical Data Sheet



#### GLUES & ADHESIVES RANGE

#### Description:

Ready to use self-setting permanent joint filler for use in both dry and wet conditions with hydrophobic characteristics. Suitable for porcelain tiles.

#### Features & Benefits:

- ✓ Can be used in both dry and wet conditions - no more wasted days due to wet weather
- ✓ Can be used on joint widths of a minimum of 5 mm wide and a minimum of 15 mm deep. Semi-rigid allowing for expansion and contraction of paving
- ✓ GEO-FIX® is unaffected by wind, rain washout and mechanical sweeping equipment
- ✓ No mixing required
- ✓ Brush applied - no special skills or equipment needed
- ✓ Non staining - attractive and neat finish
- ✓ 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
- ✓ Comparable strength to 4:1 mortar when set
- ✓ Cost effective - saves time and money and no costly maintenance.
- ✓ Up to 20 times faster to complete than traditional pointing methods - faster work better finish!

#### Uses

GEO-FIX® is a quick and easy way of applying a rigid joint over 5mm wide on all types of paving having joint widths of 5mm and over. Suitable for use with:

- ◆ Porcelain
- ◆ Indian Stone
- ◆ Concrete
- ◆ Slate
- ◆ Clay
- ◆ Terracotta
- ◆ Granite

#### 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 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 15mm. 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® All Weather has superior flexural strength compared to mortar, however, joint failure can still occur in this type of situation.

GEO-FIX® All Weather 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® All Weather.

#### Application

1. Wet the paving surface. The paving must be kept wet during application but free from standing pools of water. Failure to wet the paving surface will result in temporary staining. Ensure that the areas where you are not working remain wet at all times. This is particularly important in warm or hot weather.
2. Carefully open the vacuum-packed bag and sprinkle GEO-FIX® All Weather sufficient to cover an area of 2-3 m<sup>2</sup>.
3. Using a soft brush, push the GEO-FIX® All Weather into the joints ensuring that they are filled with the compound. The material **MUST** be compacted into the joints.
4. Compact GEO-FIX® All Weather into the joints with a pointing tool or by use of a vibrating plate.
5. 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.

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

7. 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.**

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

### Watchpoints

The product is supplied in a hermetically sealed bag. If the foil bag feels soft to touch, the vacuum has been broken and the material should not be used. Bags should be hard but the material inside should be soft and lump free once opened.

Use Use GEO-FIX® All Weather within 45 minutes of opening. within 45 minutes of opening.

\*\* In temperatures exceeding +20°C the material MUST be used within 30 minutes of opening the bag. Do not use in temperatures below +3°C or if the ground temperature is below +3°C. When applying GEO-FIX® All Weather the paving elements must be kept damp.

### Limitations

- **Do not** use on joints narrower than 5mm
- **Do not** use on joints less than 15mm deep
- **Do not** use on chamfered/tapered joints

Due to natural shade variances in sand occasional colour differences may occur between batches. Where use of multiple buckets are required always use the same batch of material to ensure consistency of colour.

The jointing should not be cleaned by use of high pressure washers until cured for a minimum of 14 days. The distance between nozzles to jointing must be at least 15cm using a fan nozzle.

### Container Size

14Kg plastic tubs containing hermetically sealed 14Kg foil packs.

### Colour

Mid Grey, Stone, Graphite, Anthracite, Slate Grey and Buff.

### Shelf Life

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

### Storage Conditions

Store in a cool dry place out of direct sunlight. Protect the pack from punctures or piercing. Any exposure to air will start the curing process.

### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

### Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice. \*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.

### ECOLOGY, HEALTH & SAFETY

For advice and information on the safe handling, storage and disposal of the product, users should refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

***Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.***

## Specification Summary

Pack	Hermetically sealed 14kg packs
Joint Width	min 5mm
Joint Depth	min 15mm
Min Joint Depth - with light vehicular traffic	40mm**
Compressive Strength	8.01 N/mm <sup>2</sup> after 3 days; 12-16 N/mm <sup>2</sup> after 28 days
Freeze Thaw DD/CEN/TS 772:22:2006	Exceeds 100 cycles
Working Temperature	+3 to +30°C
Workability Duration	*approx 45 minutes at 20°C and 50% relative humidity working time reduces to 30 mins
Yield	approx 15m <sup>2</sup> width joint width 6mm x 15mm joint depth - 450mm x 450mm paving units



## Product / Order Details:

Code	Colour	Size	Barcode	UFI
BDGFAW14AN	Anthracite	14Kg	5056437401779	HGM2-73YN-A40E-3YT9
BDGFAW14GP	Graphite	14Kg	5056437401786	TDM2-R398-040X-EN73
BDGFAW14ST	Stone	14Kg	5056437401793	P4M2-7372-340F-FMFQ
BDGFAW14MG	Mid Grey	14Kg	5056437401809	ENM2-89CE-X40E-ENYG
BDGFAW14SG	Slate Grey	14Kg	5056437401816	Y9M2-73KU-Q40F-S9MW
BDGFAW14BU	Buff	14Kg	5056437401984	8TM2-83R7-J40H-RUF5

## Coverage Rates:

Paving Dimensions	Joint 10 mm wide x 15 mm Depth
600mm x 600mm	~ 17.0 m <sup>2</sup>
600mm x 450mm	~ 14.5 m <sup>2</sup>
450mm x 450mm	~ 13.0 m <sup>2</sup>
300mm x 450mm	~ 10.0 m <sup>2</sup>
300mm x 300 mm	~ 8.0 m <sup>2</sup>
250mm x 300 mm	~ 6.5m <sup>2</sup>
250mm x 250 mm	~ 4m <sup>2</sup>



Part of the Geo-Fix Range

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number: 6152  
ISO 9001; ISO 14001;  
ISO 45001



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Rev: V2 17/08/22  
Supersedes: V1 28/02/22