

PRODUCT DATA SHEET

EVERBUILD® Geo-Fix All Weather

The All Weather Paving Jointing Compound

PRODUCT DESCRIPTION

EVERBUILD® Geo-Fix All Weather is a unique, ready to use jointing material for all types of paving having joints of 5 mm and over that can be used in both dry and wet conditions. EVERBUILD® Geo-Fix All Weather is a quick and easy way of applying a rigid joint on most common paving types including Natural Stone, Concrete, Slate, Clay, Terracotta and Granite.

USES

- Footpaths.
- Outdoor patio areas.
- Indoor stone floor areas.
- Pedestrian areas.
- Driveways subject to light occasional vehicular traffic.

CHARACTERISTICS / ADVANTAGES

- Supplied ready to use, no mixing required.
- Can be used in both wet and dry conditions.
- Simply brush into joints and compact.
- Cement free.
- Sets hard, won't crack or wash out.
- Resists weeds and plant growth.
- Totally weatherproof, unaffected by frost.
- For all joints of 5mm wide and over.
- Water permeable, allows water to escape.

Joint Width	Minimum 5mm
Min Joint Depth with Foot Traffic	Minimum 15mm
Min Joint Depth With Light Vehicular Traffic	Minimum 40mm
Working Temperature	+3 to +30°C

PRODUCT INFORMATION

Chemical Base	Ready to use sand mixture with polybutadiene bonding agent
Packaging	14kg hermetically sealed vacuum packed foil bags
Appearance / Colour	Natural Stone, Slate Grey and Mid Grey
Shelf Life	24 months from date of manufacture when stored in unopened containers in accordance with manufacturer's instructions.
Storage Conditions	Store in a cool dry place. Protect packaging from punctures or piercings. Any exposure to air will start the curing process. Do not store in direct sunlight.

APPLICATION INFORMATION

Consumption	Stone Size	Joint Size 10mm(W) x 25mm(D)
	600mm x 600mm	Up to 16m ²
	600mm x 450mm	Up to 13m ²
	450mm x 450mm	Up to 11m ²
	300mm x 450mm	Up to 8.5m ²
	300mm x 300mm	Up to 6m ²
Ambient Air Temperature	+3 to +30°C	
Pot Life	Approx. 45 minutes @ 20°C. Higher temperatures reduce working time.	
Setting Time	4-12 hours depending on temperature. If the compound is subject to rain during the cure, this will significantly extend the setting time.	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The area to be covered must have sufficient drainage. Ensure that the paving to be jointed is dry and free from loose dirt, oil, debris and grease etc. It is essential the joint widths are a **minimum** of 5mm wide with a **minimum** depth of 15mm. Deeper joints can be filled with dry sand or other materials to meet the required minimum depth.

APPLICATION

EVERBUILD® Geo-Fix All Weather is supplied ready to use and does not require any further mixing or addition of other materials.

Wet the paving surface. The paving must be kept wet during application but free from standing 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 conditions.

Carefully open the vacuum-packed bag and sprinkle sufficient EVERBUILD® Geo-Fix All Weather over the wet paving to cover an area of 2-3 m² (see coverage table).

Using a soft brush, push the EVERBUILD® Geo-Fix All Weather into the joints ensuring that they are filled with the compound.

The material MUST be compacted into the joints.

Compact EVERBUILD® Geo-Fix All Weather into the joints with a pointing tool. Top up and compact ensuring a fully compacted and topped up joint. Carefully sweep 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.

EVERBUILD® Geo-Fix All Weather can withstand almost any amount of rain without the quality of the product being compromised. Heavy rain may cause the smoothed surface of the joint to be disturbed that may require re-finishing.

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.

Use EVERBUILD® Geo-Fix All Weather within 45 minutes of opening. In temperatures exceeding 25°C the material must be used within 30 minutes of opening the bag.

WATCHPOINTS

It is essential that all surfaces are wetted prior to application, and joint widths are a minimum of 5mm wide and a minimum of 15mm deep. A trial area should always be undertaken prior to full scale application. Whilst EVERBUILD® Geo-Fix All Weather eliminates the staining problems associated with using sand/cement mortars by not sticking to the paver it should be noted that on certain types of paving, differences in porosity, texture and colour may be highlighted by using the jointing compound. EVERBUILD® Geo-Fix All Weather is not suitable for joints subjected to continuous water immersion and is not suitable to fill to the top of chamfered joints (N.B – always finish to level or below the start of the chamfer).

IT IS ESSENTIAL THAT EVERBUILD® Geo-Fix All Weather IS FULLY COMPACTED INTO ALL JOINTS OTHERWISE POOR STRENGTHS WILL OCCUR.

Do not use this product on solid concrete beds without sufficient falls and water drainage.

EVERBUILD® Geo-Fix All Weather should not be considered to have any structural properties; therefore it is important that there is no paving movement.

Never leave the compound on the surface of paving for a period in excess of 30 mins as it will part-cure, giving poor strength once compacted into joints and may give staining issues in area of contact.

Cement based pavers: This product may also highlight problems due to differential curing of cost-effective cement based paving.

LIMITATIONS

- Do not use on joints smaller than 5mm.
- Do not apply to dry paving. The paving must be wetted prior to and during application.
- Read all instructions and leaflet carefully before use.
- Joint depth must be a minimum of 15mm.

- Do not apply below 3°C or if the ground/paving temperature is below 3°C.
- 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.
- EVERBUILD® Geo-Fix All Weather should be considered for its aesthetic, and not its structural, properties.
- The jointing should not be cleaned by use of high pressure washers until cured for 14 days. The distance between nozzles to jointing must be at least 20cm and a fan nozzle must be used.
- Due to natural variations in sand shade, occasional colour difference may occur between batches. For large applications where multiple buckets may be used always use the same batch of material to ensure consistency of colour.
- 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 user's responsibility to determine suitability for use. Please contact Technical Services for advice or request a technical data sheet.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

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