

Geocel® 260

ULTRA FAST CURING VERY HIGH MODULUS JOINT SEALANT

Geocel® 260 is a two component polyurethane based sealant, formulated as a fast cure product for flooring movement joints in both new and remedial applications. The fast cure speed combined with excellent physical properties and chemical resistance, makes this product suitable in a wide range of applications particularly where flooring joints need to be brought back into service quickly.

- Self levelling
- Ultra fast cure – 5 hours
- Abrasion resistant – final cured Shore A hardness 60
- High strength adhesive bond
- Permanently flexible

The ultra fast cure properties of Geocel® 260, with a final Shore A hardness of 60 make the product ideal for sealing floor joints in public access areas (shopping centre, train and bus station platforms), which can only be out of use for very limited periods of time.

PRINCIPAL APPLICATIONS

For sealing movement joints to:

- Warehouse floors
- Shopping centre floors
- Train platforms
- Sea defence structures
- Internal stone flooring



SPECIFICATIONS

Manufactured under ISO 9001

DESIGN IMPLICATIONS

Geocel®260 has a movement accommodation factor (MAF) of 15%. The sealant can be applied into joints 6mm to 40mm wide and a depth of 6mm to 25mm. Generally the joint slot should be designed to ensure that the sealant width to depth ratio is between 1¹/₂:1 and 2:1.

Where joints are subjected to traffic a width to depth ratio of 1:1 should be adopted. For joints with high casting and setting out tolerances, the joint depth should be a minimum of 10mm with accurately formed joints in metal, a minimum 6mm.

TECHNICAL DATA

Form	Liquid Base Component Liquid Hardener Component
Storage Life	12 months stored below 25°C, in original containers
Colour	Grey
Application Temperature	5°C to 40°C
Service Temperature	-40°C to 80°C
Worklife	15 minutes @23°C
Cure Time	Trafficable after 5 hours, full cure dependant on temperature and humidity
Hardness	60 Shore A
Movement Accommodation Factor	15%

Specification writers: These values are not intended for use in preparing specifications. Please contact your local **Geocel® Sales Representative** prior to writing specifications on this product.

SURFACE PREPARATION

The sealing slot should be accurately formed. The slot sides should be cleaned by grit blasting, grinding, wire brushing or other means to expose a sound surface. Care should be taken to ensure that the slot is formed to the required depth and any expansion joint filler tightly packed. A tight fitting cord or bond breaker should be inserted at the base of the slot to ensure that the sealant only bonds to the joint sides.

Ensure that all surfaces are clean, dry, sound and free from frost. Clean all joints of release agents, water repellents, laitance, dust, dirt, old sealants or other contaminants, which could impair adhesion.

All surfaces should be cleaned and degreased by wiping with a suitable preparatory solvent available from **Geocel®**.

PRIMING

To ensure good long term adhesion, and to help resist the imposed loads from foot traffic and fork lift trucks, priming is required with the Geocel Primer 260 supplied, this primer is suitable for both porous and non-porous substrates.

However, due to the natural variability of porous materials, such concrete and natural stones, in order to confirm optimum adhesion, we recommend carrying out an adhesion test prior to commencement of any project. Please refer to **Geocel® Technical Service** for specific advice.

MIXING

Drain totally the contents of the Base sachet into the large Hardener bucket. Thoroughly mix the two components for at least 2 minutes using a hand held slow speed drill (300-500 rpm) fitted with a Geocel paddle mixer. Care must be taken to ensure that the components are thoroughly mixed, paying particular attention to the sides and bottom of the bucket.

APPLICATION

Compress sides of bucket to form a spout to pour material into joint – the joint edges may be masked to facilitate clean up and prevent overspill. Refer to application Code of Practice BS5212: 1990 part 2.

Care should be taken to ensure that the sealant is recessed in the joint such that at no time during the movement cycle will the sealant extrude above the level of the concrete pavement.

CLEANING

Equipment can be cleaned using **Geocel® Eco Cleanse**. Remove **Geocel®260** from hands using **Geocel® Universal Wipes**.

PACKAGING

Supplied as a 3 litre kit, hardner in bucket, base in foil pouch and universal Geo 260 primer in ring pull can will be found in the tray under the bucket lid.

ANCILLARY MATERIALS & EQUIPMENT

Geocel® Eco Cleanse

Geocel® Universal Wipes

Geocel® Surface Cleaner

HEALTH AND SAFETY

Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service**.

IMPORTANT NOTE The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Geocel specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

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