

Geocel 925 Joint Sealant



Features and Benefits

- Non staining
- Good primerless adhesion on many common construction substrates
- Low dirt pick up
- High movement accommodation
- High UV and aggressive atmosphere resistance
- Comprehensive colour range
- Environmentally friendly
- Excellent low temperature gunability

Application

For sealing joints to building façades where:

- High movement is anticipated
- Non staining is a requirement
- Prestige finish is important
- Extreme weather conditions are expected

Ancillary Materials & Equipment

- Cox Powerflow Cartridge
- Geocel® Eco Cleanse
- Geocel® Universal Wipes
- Geocel® Surface Cleaner

Cleaning

- Excess sealant may be cleaned off tools and non porous surfaces using Geocel® Eco Cleanse
- Remove Geocel®925 from hands using Geocel® Universal wipes

Packaging

- 380ml cartridges packed in boxes of 20

Finishing

- The sealant should be firmly tooled shortly after application to ensure good contact with joint substrates

Painting

- Geocel 925 may be over painted with water based paints, however due to the large number of coatings available, it is advisable to carry out a compatibility test before application
- For alkyd paints a suitable water based undercoat must be used

Description

Geocel®925 is a one part low modulus MS Polymer based joint sealant designed for use on prestige buildings and those highly exposed to extreme weather conditions, aggressive atmospheres and UV light. This sealant has been specifically formulated as a non staining sealant and for application to difficult substrates associated with modern facade construction.

Method of application

Cut conical tip off cartridge end, screw on nozzle, cut at 45° to required size and place into a Cox Powerflow Cartridge, firmly extrude into slot ensuring complete contact with joint faces.

Priming

Geocel®925 exhibits good primer-less adhesion to most common construction 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.

Masking

Where necessary the joint edges can be masked with tape to prevent contamination of adjacent substrates and ensure a neat sealant line. The tape should be carefully removed immediately after tooling.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore tests are necessary. Our general conditions apply.

Geocel 925 Joint Sealant

Design Implications

Geocel®925 has a movement accommodation factor (MAF) of 50%. The sealant can be applied into joints 6mm to 40mm wide and a depth of 6mm to 25mm.

The joint slot should be designed to ensure that the sealant width to depth ratio is between 1½:1 and 2:1.

For joints subject to high casting or setting out tolerances the joint depth should be a minimum of 10mm. For accurately formed joints in glass or metal the minimum depth can be reduced to 6mm.

Surface Preparation

Ensure that all surfaces are clean, dry, sound and free from all loose dirt, dust, laitance, oil, grease or any other contaminants, which may impair adhesion.

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

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.

Technical Data

Form	Smooth void free paste
Storage Life	9 months in original containers stored below 25°C
Solids Content	100%
Colour	Black, grey, white, buff and stone
Application Temperature	2mm/24h – 3mm/24h
Service Temperature	5°C to 40°C
Skin Time	-40°C to 150°C
Cure Time	30 to 45 minutes at 23°C and 50% relative humidity
Hardness	20 - 25 Shore A
Movement Accommodation Factor	50%

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.

Paint Type	Suitability
Water based emulsion paint	OK
Water based primer sealer	OK. If over coating with other paints check suitability
Water based undercoat	OK
Water based top coat	OK
Alkyd resin based paint	Use water based undercoat first
Traditional solvent based undercoat	Use water based undercoat first
Traditional oil based paint	Use water based undercoat first
Traditional exterior gloss paint	Use water based undercoat first
Cellulose based automotive paint	OK
Polyurethane based automotive paint	OK

Conforms to BS ISO 11600-F-25LM. ASTM C1248-93 for non staining

Manufactured under ISO 9001

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