

## TECHNICAL DATA

# Geocel® 580

## Oil Based Mastic



**Geocel® 580** is a one part, high performance oil based mastic that can be used in a wide range of external applications where anticipated joint movement is low. It can be used on new and remedial applications, including pointing of painted timber door and window frames, and repairs to roofs and flashings.

**Geocel® 580** should be over painted after application to maximise life expectancy.

- Ready to use, one component mastic
- Excellent adhesion to most materials
- Non slump
- Completely water-resistant
- Wide selection of colours

### SPECIFICATIONS

Manufactured under ISO 9001

## TECHNICAL DATA

<b>Storage Life</b>	9 months from date of manufacture when stored in temperatures below 23°C
<b>Colour</b>	White, Grey, Brown, Black
<b>Adhesion</b>	Excellent
<b>Service Temperature</b>	5°C to 23°C
<b>Application Temperature</b>	Suitable for use in normal weather conditions
<b>Skin Time</b>	24 hours
<b>Slump</b>	Nil
<b>Shrinkage</b>	Negligible
<b>Staining</b>	None
<b>Water Resistance</b>	Good

**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.

## JOINT DESIGN

When using **Geocel® 580** in joint configurations the minimum width and depth should be 10mm, and maximum width should not exceed 25mm.

## SURFACE PREPARATION

Ensure that all surfaces are clean, dry, sound and grease free. Clean all joints of release agents, water repellents, laitance, dust, dirt, old sealants, and other contaminants, which could impair adhesion. Metal surfaces should be cleaned and degreased by wiping with a suitable solvent on an oil and lint free cloth.

**Note:** When using a solvent, always provide adequate ventilation. Avoid heat, sparks and open flames. Observe and follow all precautions listed on solvent container label. It is recommended that **Geocel® 580** is not applied to surfaces that are below 5°C as it is impossible to guarantee a dry, frost free surface at this temperature.

## MASKING

Areas adjacent to the joints should be masked with tape to prevent contamination of substrates and to ensure a neat sealant line. Masking tape should be removed immediately after tooling.

## PRIMING

When used in conjunction with most common construction substrates, a primer is not required.

## BACK-UP MATERIAL

Closed cell polyethylene backer rod is recommended where a back-up material is required. Low tack polyethylene tape should be used in joints too shallow to allow the use of backer rod. Backer rod is available from **Geocel®**.

## APPLICATION

Apply **Geocel® 580** with a cartridge gun, drawing the gun smoothly along the joint and exerting an even pressure, ensuring the mastic is forced well into the joint and that it makes full contact with the joint sides.

## FINISHING

The joint should be 'tooled' within five minutes of application to ensure good contacts between the sealant and the substrate. Tooling of the sealant also gives a smooth, professional finish.

## CLEANING

Excess mastic should be removed from tools immediately.

## LIMITATIONS

Do not apply to bitumen, asphalt or coal tar based materials.

**Geocel® 580** has a limited movement capability. It should not be used for pointing of micro-porous or stain-finished timber, PVC-U or aluminium frames.

## PACKAGING

**Geocel® 580** is supplied in 380ml cartridges packed in boxes of 20.

## 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.

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