

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 overpainted 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

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

Geocel®

Geocel Limited

Western Wood Way, Langage Science Park,
Plympton, Plymouth, Devon, PL7 5BG

Tel: 01752 334350 Fax: 01752 202065

Email: info@geocel.co.uk

www.geocel.co.uk

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**.

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.

Geocel's sole warranty is that the product will meet the Geocel sales specifications in effect at the time of shipment.

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.

Geocel disclaims liability for any incidental or consequential damage.