

Geocel® 480

EMULSION ACRYLIC SEALANT

Geocel® 480 is a one part, fungus resistant, flexible, emulsion acrylic sealant. It offers good adhesion to a wide variety of substrates, and can be overpainted within one hour.

Geocel® 480 is specifically designed for internal perimeter pointing around door and window frames, including PVC-U and timber. Also suitable for filling gaps and cracks in walls, ceilings, between plasterboard panels, architraves, skirting boards etc.

Geocel® 480 is especially useful in applications when the sealant is required to be painted.

- Good adhesion to most common construction substrates
- Can be overpainted in one hour
- Resists mildew and mould growth
- Remains flexible
- Easy to use, one-component sealant

SPECIFICATIONS

Manufactured under ISO 9001



TECHNICAL DATA

Storage Life	24 months from date of manufacture when stored in temperatures between 5°C and 23°C
Colour	White
Service Temperature	-35°C to +90°C
Application Temperature	+5°C to +40°C
Slump	Nil
Shrinkage	Approx 15%
Staining	None
Tack Free Time	30 – 35 minutes
Water Resistance	Good when fully cured
UV Resistance	Excellent
Movement Accommodation Factor	±7.5%

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 designing joints using **Geocel® 480**, the minimum joint width should be 6mm. For joints between 6mm-12mm wide, a seal depth of 6mm is required. For joints above 12mm wide, a width to depth ratio of 2:1 should be used. In situations where fillet joints are needed, a minimum of 6mm sealant bite to each substrate is recommended.

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® 480** 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. Backer rod is available from **Geocel®**.

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

Uncured material can be removed by wiping with a dampened cloth. Cured material can be carefully removed by abrasion or other mechanical means.

LIMITATIONS

Geocel® 480 is not recommended for external applications. **Geocel® 480** should not be applied to building materials that bleed oils, plasticisers or solvents.

PACKAGING

Geocel® 480 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.

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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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