

# Geocel® CRYSTAL CLEAR Seal & Fix

## HIGH PERFORMANCE MS POLYMER SEALANT & ADHESIVE

Geocel® **CRYSTAL CLEAR Seal & Fix** is a high performance MS Polymer sealant and adhesive. It offers excellent initial grab, ensuring good sealing, bonding and fixing of most materials including wood, stone, concrete, metal, glass, plasterboard, tiles and brickwork.

Geocel® **CRYSTAL CLEAR Seal & Fix** can be used internally and externally in all weather conditions, is UV, weather resistant and damp tolerant, will not shrink, is non staining, solvent free and can be overpainted with water based paints immediately.

Geocel® **CRYSTAL CLEAR Seal & Fix** retains the powerful characteristics of Fixer Mate, but cures to a stunning glass like crystal finish without misting or blueing.

- Seals, bonds and fixes almost anything
- High tack - rapid curing
- Weather resistant & damp tolerant
- Can be used for internal & external jobs
- Permanently flexible
- Non shrinking - Non staining
- Solvent free
- Can be overpainted with water based paints immediately

### SPECIFICATIONS

Manufactured under ISO 9001



## TECHNICAL DATA

<b>Storage Life</b>	12 months from date of manufacture when stored in temperatures below 30°C
<b>Colour</b>	Crystal Clear
<b>Tack Free Time</b>	20-40 minutes
<b>Cure Rate</b>	1.5mm per 24 hours at 23°C and 50% relative humidity
<b>Service Temperature</b>	-40°C to 150°C
<b>Application Temperature</b>	5°C to 40°C
<b>Solids Content</b>	100%

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.

## APPLICATION

**AS AN ADHESIVE** Substrates must be clean, dry and free from dust and grease. Apply the adhesive in dots or beads. Fix surfaces together, press firmly and allow to cure. For heavier objects or where surfaces are uneven, it may be necessary to support the fixture initially with panel pins.

**AS A SEALANT** Joints must be clean, dry and free from dust and grease. If the joints are very deep, they must first be back filled with expanding foam. Apply a continuous bead of the sealant, making sure all air pockets and voids are eliminated. Smooth the surface by tooling a smooth finish using a wet teaspoon or wet spatula.

**WORKING TIME** approximately 10 minutes

## CLEAN UP

Excess sealant may be cleaned off whilst in an uncured state using a dry disposable cloth. Alcohol based solvents can be used to clean tools.

## PAINTING

**Geocel® CRYSTAL CLEAR Seal & Fix** may be overpainted 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 water based primer coat must be used.

Paint Type	Suitability
Water based emulsion paint	Suitable
Water based primer sealer	Suitable
Water based undercoat	Suitable
Water based top coat	Suitable
Alkyd resin based paint	Use water based primer sealer undercoat as undercoat
Traditional solvent based undercoat	Use water based primer sealer undercoat as primer
Traditional oil based paint	Use water based primer sealer undercoat as undercoat
Traditional exterior gloss paint	Use water based primer sealer undercoat as undercoat
Cellulose based automotive paint	Suitable
Polyurethane based automotive paint	Suitable

## LIMITATIONS

**Geocel® CRYSTAL CLEAR Seal & Fix** is not suitable for use on bituminous substrates or on materials that may bleed oils, plasticizers or solvents.

## PACKAGING

**Geocel® CRYSTAL CLEAR Seal & Fix** is supplied in 290ml cartridges packed in boxes of 12.

## 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 damages.

# 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**