

Geobond® HG

HIGH GRAB ONE PART FLEXIBLE ADHESIVE AND SEALANT

Geobond® HG is a one part, high grab, maximum strength, flexible, universal adhesive and sealant.

Geobond® HG is non hazardous (Isocyanate and solvent free), offers high UV stability (resistant to yellowing), and is suitable for bonding a wide range of substrates including GRP, SMC, Painted Mill Finished Aluminium, Steel including Stainless & Zinc Galvanised, Plastics, Wood and Glass.

- High grab strength and fast initial grip
- Ultimate high strength once cured
- Excellent primerless adhesion to a wide range of substrates
- Tolerant to damp substrates
- No shrinkage
- High UV and aggressive atmosphere resistance
- Excellent resistance to oils, solvents and moisture
- Environmentally friendly
- Non-hazardous
- Good abrasion resistance

PRINCIPAL APPLICATIONS

Geobond® HG is suitable for the following bonding and sealing applications:

- Commercial vehicle superstructure trims, cant rails, load lock, cappings and chequer plate.
- Modular building metal and wood, side, wall and floor structural bonding.
- Flexible composite bonding of GRP, SMC, Carbon and Kevlar structures.

SPECIFICATIONS

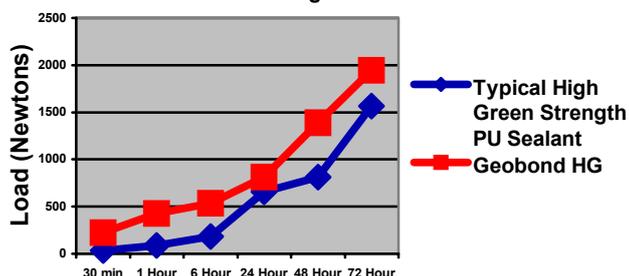
Manufactured under ISO 9001



TECHNICAL DATA

Form	One part smooth void free paste, which cures to a tough elastomer.
Storage Life	Stored below 25°C, in original containers 290ml cartridges - 9 months 400ml & 600ml sausages -12 months
Solids Content	100%
Specific Gravity	1.70
Shrinkage	Nil
Colour	Black, White
Base	MS Polymer system
Hazardous Ingredients	Non-hazardous
Flammability	Non-flammable
Application Temperature	5°C to 35°C
Temperature Range	-40°C to 150°C
Skin Time	30mins at 23°C and 50% relative humidity
Cure Time	3mm per 24 hours at 23°C and 50% relative humidity
Hardness	48 Shore A
Tensile Strength	3.4 N/mm ²

Green Strength Grab Test



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.

SURFACE PREPARATION

Ensure that all surfaces are clean, dry, sound and free from grease by cleaning with **Geocel Surface Cleaner**. For optimum results and compatibility use **Geocel Surface Activator**.

PRIMING

For most substrates priming is not required. However complex substrates may require priming, if in doubt contact **Geocel® Technical Service**.

APPLICATION

Cut conical tip off cartridge end, screw on nozzle cut at 45° to required size and place into a **Cox Powerflow CARTRIDGE Gun**, firmly extrude into slot or against the substrate. Place aluminium sausage into a **Cox Airflow Pneumatic Sausage Gun** or a **Cox Powerflow COMBI Sausage Gun** and remove clasp. Replace gun cap and cut nozzle to suit application.

FINISHING

The adhesive sealant should be tooled shortly after application and before a skin forms to ensure it is fully consolidated into the joint.

CLEANING

Any excess or misapplied sealant/adhesive may be removed whilst still uncured using **Geocel Eco Cleanse** or **Geocel Universal Cleaning Wipes**. After completing application, ensure that the sealant is kept dry and undisturbed for at least 12 hours.

PACKAGING

Geobond®HG is supplied in 400ml sausages packed in boxes of 14, 600ml sausages packed in boxes of 10 and 290ml cartridges packed in boxes of 12.

ANCILLARY MATERIALS & EQUIPMENT

Cox Powerflow CARTRIDGE Gun

Cox Powerflow COMBI Sausage Gun

Cox Airflow Pneumatic Sausage Gun

Geocel Eco Cleanse in 25L Drums

Geocel Universal Cleaning Wipes 150 per tub

Geocel Surface Cleaner in 1L and 5L

Geocel Surface Activator in 500ml Tins

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

Geocel

Geocel Limited

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

Tel: 01752 334350 Fax: 01752 202065

Email: info@geocel.co.uk www.geocel.co.uk