

Geobond® CV

ONE PART MULTI PURPOSE FLEXIBLE ADHESIVE AND SEALANT

Geobond® CV is a one part, high strength, flexible, universal adhesive and sealant specifically developed for Commercial Vehicle (and Industrial) applications.

Geobond® CV is non hazardous (Isocyanate free), offers excellent UV stability (resistant to yellowing), quick skin and tack free characteristics 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.

- Good primerless adhesion to a wide range of substrates
- Elastomeric once cured
- Environmentally friendly
- Non Hazardous
- High UV and aggressive atmosphere resistance
- Excellent resistance to oils, solvents and moisture
- Good non-slump characteristics
- Temperature range -40°C to $+150^{\circ}\text{C}$

PRINCIPAL APPLICATIONS

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

- Aluminium/GRP superstructure bonding
- Side and roof panels together
- Floor panels to side sections
- Trims, edging and cappings
- Creating watertight bonded joints throughout

SPECIFICATIONS

Manufactured under ISO9001



TECHNICAL DATA

Form	Smooth void free viscous paste
Storage Life	Stored below 25°C, in original containers 290ml cartridges - 9 months 400ml & 600ml sausages -12 months
Solids Content	Approximately 97%
Specific Gravity	1.55
Colour	White, Grey, Black
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
Tack Free Time	Within 1 hour at 23°C and 50% relative humidity
Hardness	43 Shore A
Movement Accommodation Factor	50%
Tensile Strength	2.7 N/mm ²

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**.

NOTE: **Geobond®CV** should not be applied to surfaces that are below 5°C as it is impossible to guarantee a dry, frost-free surface at these temperatures.

PRIMING

Geobond®CV exhibits good primerless adhesion to most cleaned substrates, however, for optimum results priming is recommended. Contact **Geocel Technical Services** for guidance.

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

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 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, Lamage Science Park, Plympton,
Plymouth, Devon, PL7 5BG

Tel: 01752 334350 Fax: 01752 202065 Email: info@geocel.co.uk
www.geocel.co.uk