

Geobond® MARINE

HYBRID POLYMER SEALANT – ULTIMATE LONG TERM PERFORMANCE

Geobond® MARINE is a one part, high strength, flexible, universal adhesive and sealant specifically developed for structural marine applications.

Geobond® MARINE is non hazardous (Isocyanate and solvent free), offers ultimate long term performance with excellent resistance to staining, UV, fresh and salt water degradation.

- Excellent adhesion to a wide range of marine substrates including GRP and Stainless Steel.
- Highly resistant to salt and fresh water degradation.
- Stay White formula with excellent non-staining characteristics
- Quick rate of cure through and strength build up.
- Excellent application and tooling characteristics.
- No shrinkage or slump.
- Environmentally friendly - no solvents, halogenated compounds or Isocyanates.
- High modulus - offers good abrasion resistance.

PRINCIPAL APPLICATIONS

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

Above and below waterline bonding:

- GRP superstructure bonding
- Bonding components to GRP deck
- Creating watertight bonded joints throughout

It can also be used for internal bonding and sealing solutions

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	100%
Specific Gravity	1.43
Shrinkage	Nil
Colour	White
Base	Hybrid polymer
Hazardous Ingredients	Non-hazardous
Flammability	Non-flammable
Application Temperature	5°C to 35°C
Temperature Range	-40°C to 150°C
Skin Time	20mins at 23°C and 50% relative humidity
Cure Time	3mm per 24 hours at 23°C and 50% RH.
Hardness	35-40 Shore A
Movement Accommodation Factor	50%
Tensile Strength	2.7 MPa

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

All surfaces must be clean, dry and free from grease, all loose dust, dirt, laitance, old sealants and other contaminants which could impair adhesion should be removed by cleaning in one direction (never go over cleaned areas with a dirty cloth as this may re-introduce previously removed contaminants) with **Geocel Surface Cleaner** applied to a clean lint free cloth.

APPLICATION

Remove nozzle and cut off end tip of cartridge. Replace nozzle and cut tip to required width at a 45° angle. Ensure that the adhesive/sealant makes full contact with both sides of the joint.

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

Excess adhesive/sealant may be cleaned off tools, clothing and skin using **Geocel® Eco Cleanse** and **Geocel® Universal Wipes**.

PACKAGING

Geobond® MARINE is available in 290ml cartridges packed in boxes of 12, 400ml foil 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 Pnuematic Sausage Gun

Geocel® Eco Cleanse in 25L Drums

Geocel® Universal Wipes 150 per tub

Geocel® Surface Cleaner in 1L and 5L

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.

Geocel disclaims liability for any incidental or consequential damage.

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