

# Geobond Marine



### Features and Benefits

- 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 Isocyanate's
- High modulus – offers good abrasion resistance

### Application

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

### Cleaning

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

### Packaging

- 290ml cartridges packed in boxes of 12

### Finishing

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

### Health and Safety

- Health and Safety data sheets available on request

### Description

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.

### Method of use

- 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

### 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 reintroduce previously removed contaminants with Geocel Surface Cleaner applied to a clean lint free cloth.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore tests are necessary. Our general conditions apply.

# Geobond Marine

## Technical Characteristics

|                               |  |
|-------------------------------|--|
| Form                          | Smooth void free viscous paste   |
| Storage Life                  | Stored below 25°C, in original containers<br>290ml cartridges – 9 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  |

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Geocel® Technical Service

Manufactured under ISO 9001

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore tests are necessary. Our general conditions apply.