

PROLOC MARINE LINE 200 MARINE SILICONE

1 – DESCRIPTION

ProLoc Marine Line 200 is a neutral cure, high performance, anti-mould silicone sealant designed for gap filling and sealing in a wide range of use which remains flexible with excellent resistance to the marine environment. It combines the advantages of outstanding adhesion to glass, marble, granite, mirror, painted metal, fiberglass, non-oily woods, plastics and abraded rubber etc.

2 – PROPERTIES

- 100% Silicone, solventless.
- Anti-mould.
- One component, moisture-cured.
- Excellent primerless adhesion to numerous porous and non-porous substrates.
- Noncorrosive. Does not react with or corrode common building materials.
- Excellent weather ability in direct sunlight, rain, snow and ozone.
- Resistant to temperature extremes (-60 °C to +180 °C).
- Fast curing.
- Low modulus, high elasticity.
- Very low odour.

3- APPLICATIONS

- Sealing of connection joints.
- Sealing of primed metal, fiberglass, gelcoat, ceramic fibers, wood, glass and most plastics.
- General bonding and sealing applications include port lights and hatches, drip rails and electrical assemblies.
- Weather seal applications.
- Glazing works.

4- INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5 °C and +40 °C.
- In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 5x5 mm, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a back up material.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

5- PACKAGING

Product	Colour	Pack Size	Box Qty
200	Black, White, Grey, Clear	310ml	24
200	White, Clear	50ml	24

6- STORAGE AND SHELF LIFE

12 months in 310ml plastic cartridge, 24 months in 50ml aluminum tube if stored in its original package, away from direct sunlight and moisture, between +10 °C and +25 °C .

7- RESTRICTIONS

Inhalation of the sealant vapor for long periods must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for long periods. Cured silicone rubber bears no risk to health.

8- SAFETY

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9- TECHNICAL PROPERTIES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Anti-Mould	: <%1 g/ml	
Density	: Black, White, Grey: 1.20±0.02 g/ml Clear: 1,02±0,02	(ASTM D 792)
Hardness Shore A	: Black, White, Grey: 25-30 Clear: 20-25	(ISO 868)
Tensile Strength	: Black, White, Grey: 1,5 Mpa (217 psi) (23°C and 50% R.H) Clear: 1 Mpa (145 psi)	(ISO 37)
Tack Free Time	: 10-15 minutes (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)	
Elongation At Break	: Black, White, Grey: 400% Clear: 500%	(ISO 37)
Tear Propagation Resistance	: 4 N/mm (22pli) approx..	(ISO 34)
Movement Accommodation Factor	: 25%	
Elastic Recovery	: Approx. 100%	(ISO 10563)
Shrinkage	: Max. 6%	(ISO 7390)
Paintable	: No	
Service Temperature	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	
Colour	: Black, White, Grey, Clear	

10- LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of ProLoc Marine Line products, are given in good faith based on ProLoc Marine Line's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with ProLoc Marine Line's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. ProLoc Marine Line reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

