

Description

This is a non-sag 1-component polyurethane sealant specifically developed for the marine market, which cures on exposure to atmospheric moisture. This meets in addition the low spread of flame requirements set out by the International Maritime Organisation (IMO).

Features

- Wheelmark approved
- 1-component formulation
- Highly elastic
- Low odour
- Non-corrosive
- Can be painted
- Bonds well to a wide variety of marine substrates
- Solvent free
- Very low VOC
- Low isocyanate content

Specifications

| | |
|--------------------------------------|--|
| Chemical base | : 1-component polyurethane |
| Colours | : White, Grey, Black |
| Cure mechanism | : Moisture-curing |
| Density (uncured) depending on color | : 1.3 kg/l |
| Non-sag properties | : Good |
| Application temperature ambient | : 10°C to 40°C |
| Skin time | : 60 minutes (23°C / 50% r. h.) |
| Open time | : 45 minutes (23°C / 50% r. h.) |
| Shrinkage | : 2% |
| Shore A hardness | : 40 |
| Tensile strength | : 1.8 MPa |
| Elongation at break | : 700% |
| Tear propagation resistance | : 7 N/mm |
| Service temperature | : -50°C to 90°C 4 hours: 120°C 1 hour: 140°C |
| Shelf life | : 12 months (storage below 25°C) |

Applications

This is a multipurpose product used in marine constructions. It is suitable for making elastic, vibration-resistant joint seals, and can also be used for a variety of interior sealing applications. This bonds extremely well to the materials commonly used in marine construction like wood, metals, metal primers and paint coatings (2-C systems), ceramic materials and plastics (GRP, etc.). This must not be used to seal plastics that are prone to stress cracking (e.g. PMMA, PC, etc.).

Part Number Table

| Description | Part Number |
|---------------------|-------------|
| 291I Sealant, Black | 291I Black |
| 291I Sealant, White | 291I White |

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