

Description

This is a sealant based on Silane Terminated Polymer (STP) technology. With its excellent resistance against the harsh maritime weathering conditions it can be used for a wide range of applications. This exceeds common environmental and safety standards and sets a new benchmark from an ecological point of view. This meets the low spread flame requirements (FTP Code Part 5) set out by the International Maritime Organization (IMO).

Features

- IMO approved
- Exceeds EH&S standards
- Free of isocyanate, solvents, PVC, phthalates and tin catalysts
- Highly elastic
- Excellent weathering stability
- Very good processing and tooling characteristics
- Bonds well to a wide variety of marine substrates

Specifications

Chemical base	: Silane Terminated Polymer
Colour	: White, Black, Grey, Brown
Cure mechanism	: Moisture-curing
Density (uncured)	: 1.5 kg/l
Non-sag properties	: Very good
Application temperature	: 5°C to 40°C
Skin time	: 35 minutes (23°C / 50% r. h.)
Open time	: 20 minutes (23°C / 50% r. h.)
Shrinkage	: 1%
Shore A hardness	: 45
Tensile strength	: 2.2 MPa
Elongation at break	: 500 %
Tear propagation resistance	: 15 N/mm
Service temperature	: -50°C to 80°C
Shelf life	: 12 months (Storage below 25°C)

Applications

This is a multipurpose sealant designed for marine applications. It is suitable for elastic, vibration-resistant joint seals and for a wide variety of interior and exterior sealing applications.

Part Number Table

Description	Part Number
591 Sealant, Black	591 Black
591 Sealant, White	591 White

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