

MARINE DECK_{SEALANT}



Description

Simseal Marine Deck Sealant is one component, moisture curing, high-performance MS-based sealing material.

Key performance Properties

- Easy application
- Solvent and isocyanate free
- No release of volatile organic components (VOC's)
- No bubble formation
- High adhesion property
- UV and weather resistance
- Sandable after curing
- Resistant to salt and fresh water

Applications

Marine Deck Sealant is suitable for sealing teak decks in boats, yachts and commercial ships and provides elasticity. The application surface must be solid, clean, dry and free of dust, oil and grease. The teak has to be pretreated with Selsil Primer and after drying Selsil Marine Deck Sealant can be applied with a mastic gun. The product has to be tooled within 25 minutes.

Property	Value
Chemical Base	Silane Terminated Polymer
Specific gravity	1,4 ±0,03 g/cm ³
Tack-free Time	25 ±5 min.
Shelf life	12 months
Ultimate Tensile Strength	1.6
Ultimate Elongation	300
Shore A hardness	50±5
Shear Stress	3.5
Application Temperature	+5 °C to +30 °C
Temperature Resistance	-40 °C to +90 °C

SIMSEAL

think SILICONE, think SIMSEAL

MARINE DECK_{SEALANT}

Surface Preparation

Clean all surfaces by removing foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, old sealants, curing and mould release agents and any protective coating. Porous substrates should be cleaned by grinding, saw cutting or blast cleaning (sand or water). Dust, loose particles, etc., should be blown out of joints with oil free compressed air or vacuum cleaned. Non-porous and plastic surfaces should be cleaned by solvent or mechanical means. Cleaning solvents should not be allowed to air dry or evaporate without being wiped with a clean, dry cloth.

For neat finishing, use masking tape and remove it within the working time. For sealant designs with depth of over 10mm, use approved backing materials.

Application Direction

Cut nozzle at 45° angle to desire bead-width and screw onto nozzle. Clip the end of the sausage and place complete sausage into the barrel of gun, with pierced end located at the top of the nozzle. Screw top of nozzle and housing on barrel of gun. Using the trigger on the gun extrude product from the sausage. To stop product flow, using the thumb, depress the catch plate mechanism located at the very rear of the gun, directly above the trigger. Install back-up or joint bond breaker material as specified.

Apply Marine Deck Sealant in a continuous operation using positive pressure adequate to properly fill and seal a cavity. Tool with sufficient pressure to spread the sealant against the back-up material and onto the joint surfaces. A tool with a concave profile is recommended to achieve the correct shape. Tool the sealant within 10 minutes of extrusion before it skins. Allow to dry for one hour before applying water-based paint and 24 hours for oil-based paint. Uncured sealant can be cleaned up with damp cloth.

Packaging

600ml Sausages - Available in cartons of 20
Product packed in Australia

Storage & Shelf Life

The shelf life of Marine Deck Sealant is 12 months.

Health and Safety

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. If eye irritation persists: Get medical advice. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet. **KEEP OUT OF REACH OF CHILDREN.**

Legal Notes

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company

cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

COLOURS



Black

simseal.com.au