



MS TEAK DECK

MS Teak DECK is a one component, non-corrosive, high quality fast curing MS polymer sealant designed for marine applications **where UV, extreme weather, long time fresh & salt water resistance and waterproof properties are required.** It is especially developed for waterproof sealing of teak wood decks in nautical applications.

FEATURES & BENEFITS

- Chemically resistant to fresh water, salt water and diluted acids,
- UV, ageing, moisture and extreme weather resistance
- Eco-friendly, free from isocyanate, solvent, acids and halogens,
- Highly elastic in low and high temperatures,
- Excellent primerless adhesion to numerous porous and non-porous substrates,
- Sandable after curing,
- Fast curing, low odor and non-sag properties.

APPLICATION AREAS

- MS Teak Deck is designed for sealing of connection joints between teak decks and variety of decking substrates,
- Outstanding primerless adhesion on joining elements made from wood, concrete, plastic, steel, aluminum, zinc, copper, porcelain, ceramics, PVC, metals, polyester, polycarbonate, natural stone, marble, mirror, glass and porous surfaces.
- If using for the first time a preliminary test is recommended for plastics before application,

Exceptional
Resistance to
UV, weather and
Fresh & Salt
Water

INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5°C (41 F) and +40°C (104 F).
- 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 backup material.
- Cut the nozzle at 45o to required joint width and apply using a good quality hand operated gun.
- After ensuring the joint gaps are thoroughly clean, a bond breaking tape must be applied to the bottom of the recess to prevent three sided adhesion.
- Ensure the caulking is applied firmly from the bottom of the joint upwards



- to prevent air bubbles.
- After application, the overfilled residue is removed with a spatula within 10 minutes.
 - If necessary, the slight residue left may be sanded/grinded down afterwards.
 - Allow 48 hours before commencing sanding.
 - Sand along the joint length in the direction of the teak grain using 120 to 240 grit abrasive paper working from coarsest (120) to smoothest (240).
 - Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
 - 6 mm. joint depth is recommended for joint widths between 6 mm to 12 mm.
 - Joint width and depth ratio should be about 2:1.

Consumption (approx.)

Joint Width	6mm	9mm	12 mm
Joint Depth	6mm	6mm	6 mm
Efficiency /290 ml	8 meters	6 meters	4 meters

Surface Preparation

Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

RESTRICTIONS;

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- It is always the user's responsibility to determine the suitability of use. If in doubt, make a trial application.
- Avoid application below +5 °C and above +40 °C.
- Do not apply on frozen or wet surfaces or through standing water.
- Remove any old adhesive before application.
- Do not use on surfaces that bleeds oils and plasticizers.

STORAGE AND SHELF LIFE;

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.



SAFETY & DISPOSAL

The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured sealant bears no risk to health, temperatures between +5°C and +25°C. Check MSDS guidelines for disposal and further information concerning safety.

PROPERTIES

Basis	: 1-C MS Polymer
Curing Mechanism	: Moisture Curing
Shore A - Hardness	: 45±5 (ISO 868)
Density	: 1,25± 0,05 g/ml
Tack free time	: Approx. 60 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)
Tensile Strength	: Min. 2,05 Mpa (297 psi) (ISO 37)
Elongation at Break	: Min. 300 % (ISO 37)
Tear Propagation Resistance	: 10N/mm (57 pli) approx. (ISO 34)
Movement Accommodation	: 10%
Shrinkage	: Max. 3% (ISO 10563)
Paintable	: Yes*
Sanding Time	: 7 days after application
Service Temperature	: -40°C to +90°C
Application Temperature	: +5°C to +35°C
Colour	: Black

PRODUCT

Product Type	Volume	Package
Black	290 ml	24
Black	600 ml	20

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.