MS DECK BONDING N

MS POLYMER TECHNOLOGY

PRODUCT DESCRIPTION

MS DECK BONDING N is a moisture curing one-part adhesive sealant based on **MS POLYMER**

CHARACTERISTICS

Solventless, isocyanate free, virtually no schirinkage, after curing it shows high cohesion, permanent elasticity, very good resistance to moisture and adhesion to substrates.

- Solventless and isocyanates free
- Flexible at low (–40°C) and high (+ 90°C) temperatures
- Neutral, odourless, safety in use
- Fast curing
- Good adhesion to wood, metals, GRP, previously prepared
- Excellent resistance to ageing and moisture, sound and vibration damping

TYPICAL USE (professional)

MS DECK BONDING N is suitable for bonding teak decks to iron, aluminium, GRP and wood subdecks.

LIMITS

- For longterm use under water please contact our **Technical Service**
- It is not recommended for joints in the production of pools nor for longterm use under water
- It should not be used in contact with materials bleeding oily matters or plasticizers
- It is not suitable for use in food contact applications
- The sealant is not recommended for use in totally confined joints not exposed to air moisture
- Do not use in extreme temperature conditions, or on damp, frozen, contaminated surfaces
- Do not use on excessively acidic or basic substrates
- It should not be used in contact with natural, copper

TECHNICAL DATA

Polymers the curing system:	MS Polymer, alcoxy
Consistency:	paste
Application temperature:	+5°C / +35°C
Specific gravity:	1,40-1,52 kg/dm³
Shore A Hardness (DIN 53505):	40
100% Modulus (DIN 53504):	1,2 MPa
Tensile strength (DIN 53504):	2,0 MPa
Elongation at break (DIN 53504):	240 %
Tear resistance (ASTM D 624-73):	7 N/mm
Skin forming time:	50 min approx (20°C/50% R.H.)
Curing speed:	2-3 mm after 24 h. (20°C/50% R.H.)

Values given in this table must not be considered as specifications

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METHOD OF USE

GLUING BLANKETS

Adhesion and surface preparation: the surfaces must be dry, clean and degreased. Metal surfaces should be free from oxidation and treated with anticorrosive protection.

Onto treated metals, the use of a suitable Primer may be required, so previous testing is always recommended.

Onto dry and deoxidated metal surfaces use **Primer WP**.

Wood free from dust, dry and degreased should be treated with **Primer LM/BV**.

By using GRP free from dust should be cleaned with acetone.

Application of the adhesive: the adhesive can be extruded by using a hand operated gun and tooled by using a putty knife to obtain, after the laying of the laths, an uniform thickness not lower than 2 mm.

Within 30' minutes from the application and in any case before skin formation, lay down the wooden laths.

It is recommended to work at a temperature over than 5°C.

For detailed inrmation see "**GUIDE FOR SEALING AND BONDING WOODEN DECKS BY USING MS MARINE SYSTEM PRODUCTS**".

Chemical resistance: MS DECK BONDING N shows a good resistance to water based cleaners.

Previous resistance testing is recommended if cleaners are orderly used.

It can come in contact, for a short period and temporarily, with fuels.

HEALTH AND SAFETY INFORMATION

Consult the safety data sheet.

STORAGE STABILITY

- 600 ml bag. 18 months from the date of manufacture.
- 5 Kg drum 12 months from the date of manufacture.

PACKAGING

Code	Colour	Packaging	Pcs./Box
1004044	anthracite grey	5 Kg drum	-
1004047	anthracite grey	600 ml bag	12

Other formats available on request.