

# MS DECK BONDING N



**MS DECK BONDING N** is a moisture curing one-part adhesive sealant based on MS POLYMER Solventless, isocyanate free, virtually no shrinkage, after curing it shows high cohesion, permanent elasticity, very good resistance to moisture and adhesion to substrates.

- Solventless and isocyanate free.
- Flexible at low ( $-40^{\circ}\text{C}$ ) and high ( $+100^{\circ}\text{C}$ ) temperatures.
- Neutral, odourless, safety in use.
- Fast curing.
- Good adhesion to wood, metals, GRP.
- Good resistance to ageing and moisture, sound and vibration dampening.



## Typical uses

- **MS Deck Bonding N** is suitable for bonding teak decks to iron, aluminium, GRP and wood subdecks.

## Properties

**Base material :** MS Polymer  
**Consistency :** paste  
**Application temperature :**  $+5^{\circ}$  /  $+35^{\circ}\text{C}$

## Availability

Code	Colour	Packaging	Pcs./box
1004044	grey	5 Kg. pail	1

## Technical data

<b>Specific gravity :</b>	1,56 kg/dm <sup>3</sup>
<b>Shore A Hardness :</b>	40
<b>100% modulus (DIN 53504) :</b>	1,2 MPa
<b>Tensile strength (DIN 53504) :</b>	2,0 MPa
<b>Elongation at break :</b>	240 %
<b>Tear resistance (ASTM D 624-73) :</b>	9 N/mm
<b>Skin forming time :</b>	40 min. approx. ( $20^{\circ}\text{C}/50\%$ R.H.)
<b>Curing speed :</b>	2 - 3 mm after 24 h. ( $20^{\circ}\text{C}/50\%$ R.H.)

Values given in this table must not be considered as specifications



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## Method of use

**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**.

GRP free from dust should be cleaned with acetone.

Application of adhesive: the adhesive can be extruded by using a hand operated gun or an air gun and tooled by using a putty knife to obtain, after the lying 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 information 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.

## Storage stability

9 months from the date of manufacture if sealant is kept in a dry place at a temperature ranging from +5°C+25°C.



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