MSR BC

SILYL MODIFIED POLYMER

KEY BENEFITS

- Long open time
- Excellent adhesion
- Easy Tooling

PRODUCT DESCRIPTION

Bostik MSR Bedding Compound is a 1-component, permanently elastic adhesive/sealant suitable for use in marine bedding applications.
Bostik MSR Bedding Compound has been tested and certified to the International Maritime Organisation Fire Test Procedures for Surface Flammability, following FTP 2010 requirements. Apart from that MSR Bedding Compound has been approved for use in flooring applications.
Bostik MSR Bedding Compound has excellent resistance to UV, weather and temperature, and exhibits excellent adhesion performance on a wide variety of substrates (minimal or no pre-treatment necessary)

APPLICATIONS

- Bostik MSR Bedding Compound is designed for bonding teak planks and artificial planks on wooden, steel, aluminium or polyester decks.
- Bostik MSR Bedding Compound is suitable for bonding/sealing waterproof plywood subdeck on a wooden, steel, aluminium or polyester subdeck.

FEATURES

- Solvent and isocyanate free
- Excellent UV-resistance and ageing properties; good resistance against fresh and salt water
- Sound and vibration dampening properties
- MED Certified by Bureau Veritas: IMO FTP code 2010

METHOD OF USE

For specific application instructions consult the Bostik instruction brochure “Application manual for bonding and caulking of teak decks”

Bostik MSR Bedding Compound can easily be extruded with a hand or air pressure gun at temperatures between +5°C and +35°C, it can also easily be spread with a trowel.

In bonding applications, the substrates need to be assembled within 45 minutes (at 23°C/50% R.H.) of applying MSR Bedding Compound. A minimum adhesive thickness of 2 mm is recommended.
In sealing applications, MSR Bedding Compound should be tooled or smoothed within 25 minutes (at 23°C/50% R.H.) using a spatula or putty knife, occasionally moistened with a soap solution. Ensure to avoid soap solution penetrating between joint surface and adhesive, as this will cause loss of adhesion. Cleaning tools or removing uncured residue of MSR Bedding Compound can be done with a clean colourless cloth, wetted with Bostik Liquid 1 or Bostik Cleaner E.

TECHNICAL DATA

Basic Material		Silyl Modified Polymer (SMP)
Specific Gravity	[g/ml]	ca. 1.3
Skin Forming Time 23°C/50% R.H.	[min]	ca. 40
Curing Mechanism		Moisture
Curing Speed 23°C/50% R.H.	[mm]	ca. 2
Shore A Hardness		ca. 32
Color		White, Light grey, Black, Teak Brown
Tensile Stress At 100%		ca. 1.0
Volume Change	[%]	ca. < 3
Tensile Stress At Break ISO 37 (dumbbells)	[MPa]	ca. 1.9
Elongation At Break ISO 37 (dumbbells)	[%]	ca. 300
Shear Stress ISO 4587	[MPa]	ca. 1.8
Temperature Resistance	[°C]	-40 to +110*
Application Temperature	[°C]	+ 5 to +40
UV And Weather Resistance		Excellent

* = 10 Cycles of 7 hours at 110°C followed by 17 hours at 23°C/50%RH.

PACKAGING DESCRIPTION

290ml cartridge
600ml sausage

ADHESION

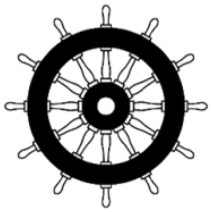
Bostik MSR Bedding Compound adheres well without primer on most clean, dry, dust and grease free substrates. Due to the wide variety of substrates available Bostik recommends adhesion testing prior to use.
No adhesion on untreated polyethylene, polypropylene and Teflon.
Where, due to great thermal or physical loads, high adhesion demands are required, the use of Bostik Prep CS or Prep M (TF) is recommended, especially under wet conditions. Prep CS and Prep M (TF) degrease and prepare the surface of the substrate for bonding in one single step.
On plain, untreated wooden surfaces and porous substrates, Bostik Prep P is recommended to prepare the surface for bonding. For more details on Prep CS, Prep M (TF) and Prep P consult the concerned Technical Data Sheet.

STORAGE STABILITY

Bostik MSR Bedding Compound can be stored for 18 months in cartridge and 12 months in sausage, in the original, unopened container in a dry place at temperatures between +5°C and +30°C.

FURTHER INFORMATION

The following publication is available on request:
- Material Safety Data Sheets (MSDS).
- Certificate GL elastomeric adhesive, class A and B
- This product has been tested and certified to the International Maritime Organisation (IMO) Fire Test Procedures for surface flammability. Not only are the fire retardant properties excellent, but also the production quality is ensured and regularly audited by Bureau Veritas, which guarantees the constant quality Bostik stands for.



DISCLAIMER

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