# MSR CA SSKF

SILYL MODIFIED POLYMER

## KEY BENEFITS

- Multipurpose
- Excellent adhesion
- Long open time

## PRODUCT DESCRIPTION

Bostik MSR Construction Adhesive SSKF (Longer open time version of MSR CA) is a 1-component, permanently elastic, construction adhesive, specifically developed for bonding and sealing applications in the yacht and boat building industry. Bostik MSR Construction Adhesive has been tested and certified to the International Maritime Organisation Fire Test Procedures for Surface Flammability, following FTP 2010 requirements. Apart from that MSR Construction Adhesive SSKF has been approved for use in flooring applications.

## APPLICATIONS

- Bonding push borders
- Bonding and sealing deck fittings
- Bonding deck coverings
- Bonding and sealing deck/hull connections
- Bonding deck hatches, portholes and bollards
- Usage as bedding compound when a high initial strength is required

## FEATURES

- Excellent UV-resistance and ageing properties; good resistance against fresh and salt water
- Product can be sanded after curing
- MED Certified by Bureau Veritas: IMO FTP code 2010
- Paint compatible with most industrial paint and lacquer systems, both alkyd resin- and dispersion based.- (due to the numerous different types of industrial paint a compatibility test is recommended before use, please consult with the paint supplier)

## METHOD OF USE

Bostik MSR Construction Adhesive SSKF can easily be extruded with a hand or air pressure gun at temperatures between +5°C and +35°C.
In bonding applications, the substrates need to be assembled within 20 minutes (at 23°C/50% R.H.) of applying MSR Construction Adhesive SSKF. A minimum adhesive thickness of 2 mm is recommended.
In sealing applications, MSR Construction Adhesive SSKF should be tooled or smoothed within 15 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 Construction Adhesive SSKF 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. 1.5 |
| **Skin Forming Time**<br>23°C/50% R.H. | [min] | ca. 15 |
| **Curing Mechanism** | | Moisture |
| **Curing Speed**<br>23°C/50% R.H. | [mm] | ca. 3 |
| **Shore A Hardness** | | ca. 55 |
| **Color** | | White, Grey, Black |
| **Tensile Stress At 100%** | | ca. 2.0 |
| **Volume Change** | [%] | ca. < 3 |
| **Tear Propagation**<br>ISO 34 (with knife) | [N/mm] | ca. 15 |
| **Tensile Stress At Break**<br>ISO 37 (dumbbells) | [MPa] | ca. 3.0 |
| **Elongation At Break**<br>ISO 37 (dumbbells) | [%] | ca. 225 |
| **Shear Stress**<br>ISO 4587 | [MPa] | ca. 2.5 |
| **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

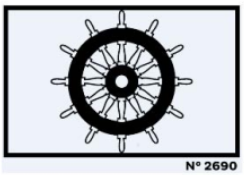
Bostik MSR Construction Adhesive SSKF adheres well without primer on most clean, dry, dust and grease free substrates. Due to the wide variety of substrates available Bostik recommends adhesion testing prior to use.
No adhesion on untreated polyethylene, polypropylene and Teflon.
Where, due to great 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 Construction Adhesive SSKF 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.
- This product has been tested and certified to the DNV-GL structural glazing procedures. Approved as class A and B adhesive for bonding of e.g. insulating glass, single-pane safety glass, rails for fastening seats, door frames, single-pane polymer glass and wind breakers.







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