



Product code : 75019

EMFIMASTIC STP SPRAYABLE

DESCRIPTION

EMFIMASTIC STP SPRAYABLE is a single component elastomeric sealant, based on silane terminated polymer.

After application, it cures under the effect of atmospheric humidity or substrates.

AREAS OF APPLICATIONS

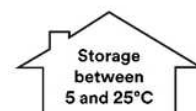
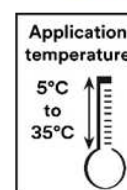
EMFIMASTIC STP SPRAYABLE is suitable in industrial coach work (railway and military vehicles, trucks, buses, etc.) for the protection of parts exposed to projections (under bodies, wheel wells, anti-gritting coating, etc.) and also as anticorrosion treatment (welded seams protection).

EMFIMASTIC STP SPRAYABLE can also be used for bonding soft PVC floor coverings (railway vehicles, buses, recreational vehicles, boats, etc.)

However, due to the large variety of substrates and installation conditions, it is necessary to make tests beforehand on difficult materials (particularly on non-ferrous or lacquered metals, painted substrates and other plastic substrates) to determine whether abrasion or the use of a primer may be necessary to improve adhesion.

Not suitable for substrates like PE, PP, Teflon.

Avoid any contact with oils, plasticizers or products like bitumen, asphalt, silicone, etc.



TECHNICAL DATA

Appearance	Thixotropic paste
Color	Beige sun, grey
Viscosity at 20°C	Brookfield RVT 7 / 5 rpm: 240,000 ± 60,000 mPa.s
Density at 20°C	1.66 ± 0.05
Application temperature	5 to 35°C
Skin formation time at 23°C and 50 % RH	20 to 30 min *
Cure time at 23°C and 50 % RH	≥ 3 mm after 24h
Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	Approx. 70 after 14 days
Temperature resistance	-40 to +90°C (on cured sealant)
UV resistance	Excellent
Weatherability	Excellent

Compatibility with paints	On cured sealant: <ul style="list-style-type: none">- water based paints: yes- Not compatible with alkyd paints
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* this time depends on hygrometry and ambient temperature. In order to ensure a good adhesion, it is mandatory to do the bonding before the product has formed its skin.

INSTRUCTIONS FOR USE

Substrates preparation:

The substrates to be bonded must be clean, dry, dust free and not have any traces of grease or other contaminants that could harm bonding.

If the substrates need to be cleaned, use EMFINET 683, methylethylketone (MEK), acetone or DEGREASER 1001. For materials sensitive to ketones, use ethanol.

Check their compatibility with the substrates.

If necessary, rub down metallic surfaces beforehand (especially in presence of oxidation). After rubbing down, clean them with a solvent and allow to dry for at least 10 minutes.

Note: when using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

Caulking:

EMFIMASTIC STP SPRAYABLE can be applied by a pneumatic gun or an industrial pump equipment.

Cleaning:

Tools can be cleaned with EMFINET 683, methylethylketone (MEK), acetone or EMFICLEAN AL wipes before the sealant has completely cured. After curing, abrasion is necessary.

LIMITATIONS

This product should be used within 24 hours which follow the opening of the packaging, otherwise the sealant could cure. Avoid any contact with non-cured polyurethanes during curing.

STORAGE AND SHELF LIFE

In closed original packaging stored at a temperature between 5 and 25°C:

- 12 months in cartridges
- 6 months in metal cans

In cold weather, store the packaging at about 20°C before use.

PACKAGING

290 ml cartridges.

35 kg metal cans.

Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

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Product code : 75019 - Version 7 from 27-06-2023
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