



Product code : 79001B, 7B001L

EMFIMASTIC S

DESCRIPTION

EMFIMASTIC S is a one-component alkoxy silicone sealant which cures under the effect of atmospheric moisture to form a flexible and resistant joint. It shows a high resistance to weathering and extreme temperatures.

EMFIMASTIC S contains antifungal agents, resulting in good resistance to mold, bacteria and moisture and thus allows sanitary applications in humid places.

It has CE marking for following application: sanitary sealant according to European Standard EN 15651-3 (S).

AREAS OF APPLICATIONS

EMFIMASTIC S is specially adapted for sanitary seals in areas with high humidity where mold is likely to grow, such as waterproofing of joinery and elements of kitchens and bathrooms (sinks, washbasins, bathtubs, whirlpools, showers, shower cabins, jacuzzies, various sanitary items and vitrified materials, etc.)

Very easy to apply, EMFIMASTIC S adheres without primer on most non-porous building substrates like glass, aluminium, vitrified surfaces, glazed ceramics, etc.

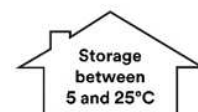
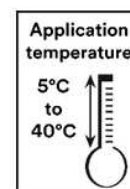
EMFIMASTIC S is not recommended on porous substrates like natural stone, marble, granite or alkaline substrates like concrete, fiber-cement, mortar, etc. It should not be used on metals like zinc, copper, brass or lead because it would cause corrosion.

EMFIMASTIC S is not paintable after curing.

EMFIMASTIC S is not suitable for applications in direct contact with food, aquarium bonding or sealing, mirror bonding and is not recommended on bituminous surfaces, polyacrylate and polycarbonate.

TECHNICAL DATA

Appearance	Pasty
Color	White, translucent
Density at 20°C	Approx. 1.00
Sagging (ISO 7390)	0 mm
Application temperature	5 to 40°C
Skin formation time at 23°C and 50 % RH	15 to 25 min *
Cure time at 23°C and 50 % RH	Approx. 3 mm after 24h
Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	Approx. 18 after 14 days



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Writer : CD

Movement capability (ISO 11600)	25 %
Modulus at break (ISO 8339)	Approx. 0.50 MPa
Elongation at break (ISO 8339)	Approx. 250 %
Elastic recovery (ISO 7389)	> 80 %
Modulus at break (ISO 37)	Approx. 1.65 MPa
Elongation at break (ISO 37)	Approx. 700 %
Temperature resistance	-40 to +140°C (on cured sealant)

* 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 must be 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.

On non-porous substrates: degrease with a solvent or alcohol. If necessary, rub down metallic surfaces (especially in presence of oxidation). After rubbing down, clean them with a solvent and allow to dry for at least 10 minutes.

On porous substrates: rub down with a metal brush, remove the dust then apply PRIMER 2001 - contact our technical department if needed.

Use a masking tape to protect substrates.

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

Application:

EMFIMASTIC S can be applied by a manual or pneumatic gun.

After application, use a wet putty knife to smooth the joint. Well ventilate the areas where the product was applied.

Cleaning:

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

LIMITATIONS

Avoid thin layers.

Do not apply at a temperature below 5°C.

Cannot be overpainted.

CONSUMPTION

300 ml cartridge

Diameter of the cannula (mm)	2	3	4	5	6	7	8	9	10
Length (linear meter)	95	42	24	15	10.5	7.5	5.5	4.5	3.5

For information purpose, dependent on the bonding conditions (surface's state, substrates, etc.)

STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature between 5 and 25°C.

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

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PACKAGING

300 ml cartridges.

Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.