



Product code : 79003

EMFIMASTIC CONSTRUCTION C

Benefits from the SNJF Label in class F 25E.

DESCRIPTION

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

EMFIMASTIC CONSTRUCTION C benefits from the SNJF Label without primer on anodized aluminium and on mortar in class F 25E.

It has CE marking for following applications:

- sealant for facade elements for interior and exterior applications according to European Standard EN 15651-1 (F EXT-INT).
- sealant for glazing according to European Standard EN 15651-2 (G).

AREAS OF APPLICATIONS

EMFIMASTIC CONSTRUCTION C is specially adapted for jointing applications in different domains like light and heavy prefabricated building, carpentry (wood, aluminium, PVC, curtain walls), glazing, expansion joints in traditional building, as well as joints in the industry. Very easy to apply and odorless, EMFIMASTIC CONSTRUCTION C adheres without primer on substrates commonly used in the building industry, like glass, aluminium, reinforced concrete, ABS, high impact polystyrene, brass, bronze, steel, stainless or galvanized steel, tiles, wood, PVC, etc.

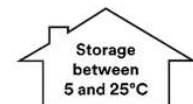
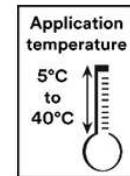
If applied on concrete, brick or cement, the use of a primer is recommended (contact our technical department if needed).

EMFIMASTIC CONSTRUCTION C is not paintable after curing.

EMFIMASTIC CONSTRUCTION C is not suitable for applications with permanent water contact, sanitary applications or mirror bonding and is not recommended on PE, PP, PTFE, natural stone, bituminous surfaces, polyacrylate and polycarbonate.

TECHNICAL DATA

Appearance	Pasty
Color	Grey, white, black, brown, stone grey, stone beige
Density at 20°C	Approx. 1.25
Application temperature	5 to 40°C
Skin formation time at 23°C and 50 % RH	Approx. 10 min *
Cure time at 23°C and 50 % RH	Approx. 2 mm after 24h



Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	Approx. 23 after 14 days
Modulus at 100 % (ISO 8339)	Approx. 0.36 MPa
Elongation at break (ISO 8339)	Approx. 300 %
Elastic recovery (ISO 7389)	> 90 %
Temperature resistance	-50 to +150°C (on cured sealant)
Resistance to dilute acids and bases	Good
UV resistance	Excellent
Weatherability	Excellent
Specific data	Benefits from the SNJF Label without primer on anodized aluminium and on mortar: elastomeric sealant in class F 25E. Guidelines and information relating to the "Label SNJF" mark can be found at www.oc-sfjf.fr

* 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 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.

It is recommended to rub down concrete, particularly cement film residue, with a metal brush. After scraping, remove the dust.

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.

If necessary, apply a primer - contact our technical department if needed.

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

Application:

EMFIMASTIC CONSTRUCTION C can be applied by a manual or pneumatic gun, following the recommendations of the SFJF.

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 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.

Joints must not be in permanent contact with water.

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.

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.