



Product code : 74062B + D0020B

EMFIMASTIC PU 50 WHITE + HARDENER D0020B

DESCRIPTION

EMFIMASTIC PU 50 WHITE + HARDENER D0020B is a two-component, fast curing, polyurethane based sealant.

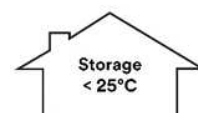
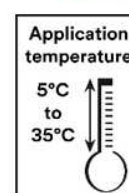
AREAS OF APPLICATIONS

EMFIMASTIC PU 50 WHITE + HARDENER D0020B is specially adapted for bonding and sealing various building and industry materials.

EMFIMASTIC PU 50 WHITE + HARDENER D0020B adheres without primer on substrates commonly used, like concrete, wood, aluminum, lacquered metal, polyester, glass, PVC, concrete or terracotta tile, stone, porcelain stoneware, earthenware, insulation materials.

For difficult materials, including plastics or materials such as lacquered metal, perform preliminary tests to determine whether a surface preparation is necessary.

HARDENER D0020B must not be used in toys and childcare articles which can be placed in the mouth by children.



TECHNICAL DATA

Appearance	Thixotropic paste
Color	White
Mixture (in volume)	74062B / D0020B = 100 / 10
Density at 20°C	Approx. 1.2
Application temperature	5 to 35°C
Skin formation time at 23°C and 50% RH	15 ± 5 min *
Open time at 20°C and 50% RH	10 min
Initial core curing at 20°C	15 ± 5 min
Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	40 to 45 after 14 days
Modulus at 100 % (ISO 37)	Approx. 0.8 MPa
Modulus at break (ISO 37)	Approx. 2.0 MPa
Elongation at break (ISO 37)	> 700 %
Tear strength (ISO 34)	Approx. 10 N/mm
Temperature resistance	-30 to +80°C (on cured sealant)
Resistance to dilute acids and bases	Average
UV resistance	Good

Weatherability	Excellent
Compatibility with paints	On cured sealant: <ul style="list-style-type: none"> - water based paints: yes - solvent based paints: carry out tests beforehand

* 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 clean, even, 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, apply a primer - contact our technical department if needed.

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

It is recommended to degrease PVC, glass and aluminum with a non-greasy solvent such as acetone.

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.

Application:

EMFIMASTIC PU 50 WHITE + HARDENER D0020B is to apply with a two-component press. Respect the mixing volume ratio EMFIMASTIC PU 50 WHITE / HARDENER D0020B = 100 / 10.

The setting time depends on ambient temperature: it is slower at low temperature and faster at high temperature.

As EMFIMASTIC PU 50 WHITE cures in contact with air, the drum is to be used as quickly as possible.

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.

STORAGE AND SHELF LIFE

In closed original packaging stored at a temperature below 25°C:

EMFIMASTIC PU 50 WHITE: 12 months

HARDENER D0020B: 24 months

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

PACKAGING

EMFIMASTIC PU 50 WHITE: 220 kg drums

HARDENER D0020B: 20 kg drums

Contact us for other packaging options.

SAFETY

Read material safety data sheets of both components 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.