



Product code : D0020B

EMFIMASTIC PU 50 WHITE + HARDENER D0020B

DESCRIPTION

Two parts polyurethane adhesive.

AREAS OF APPLICATION

EMFIMASTIC PU 50 WHITE mixed with HARDENER D0020B can be used for bonding and caulking different materials used in the general industry : concrete, wood, aluminium, most lacquered metals, polyester, glass, PVC, stone, ceramic tiles, insulation elements, etc.
For difficult materials (especially lacquered metals), it is necessary to make tests beforehand.

TECHNICAL DATA

Appearance	Pasty
Colour	White
Density at 20 °C	1.20 ± 0.05
Conventional solids content (EN 827)	Ca. 90 %
Application temperature	5 to 40 °C
Skin formation time at 23 °C and 50 % HR	15 ± 5 min
Final Shore A hardness (ISO 868 - 3 seconds)	40 to 45
Temperature resistance	-30 to +80 °C
Resistance to dilute acids and bases	Average
UV resistance	Good
Water and salt spray resistance	Excellent
Cleaner	EMFINET 683 before setting
Specific data	Mixture in volume : EMFIMASTIC PU 50 WHITE/HARDENER D0020B = 100/10 Pot life at 20 °C : 15 ± 5 min Open time at 20 °C and 50 % HR : 10 min Initial core curing at 20 °C : ca. 30 min Elongation at break (ISO 37) : > 250 % Modulus at 100 % (ISO 37) : 0.4 MPa

ADVICE

See also the material safety data sheet of part B (D0020B)



INSTRUCTIONS FOR USE

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Substrates preparation :

The substrates must be clean, even, dry, free of dust, oil, grease, poorly adherent paints or coatings and any contaminants that could harm bonding.

They may be cleaned with EMFINET 683, methylethylketone (MEK) or acetone.

Check the compatibility of the solvent used with the substrates.

If necessary, rub down metal surfaces beforehand. Clean them after rubbing down.

Allow the substrate to dry after degreasing.

We recommend cleaning of concrete with a metal brush. PVC, glass and aluminium substrates should be degreased with a grease-free solvent (e.g. acetone).

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 can be applied with a special press for two components adhesives.

Measure precisely the ratio between the 2 components as indicated in the table.

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

Setting speed is slower at low temperature and quicker at high temperature.

Use up the drum as fast as possible because part A cures in contact with air.

Cleaning :

Tools can be cleaned with EMFINET 683, MEK or acetone before curing.

After curing, abrasion is necessary.

Compatibility with paints :

Water based : yes

Solvent based : carry out tests beforehand

STORAGE AND SHELF LIFE

In closed original packagings stored in dry premises between 5 and 25 °C :

EMFIMASTIC PU 50 WHITE (Part A) : 6 months

HARDENER D0020B (Part B) : 12 months

PACKAGING

200 L metal drums

SAFETY

EMFIMASTIC PU 50 WHITE (part A) is harmful.

Hardener D0020B (part B) is not classified as hazardous.

Read material safety data sheets 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.

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