



Product code : 36026A

POLYMASTIC 1

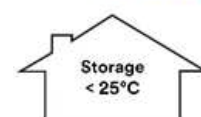
DESCRIPTION

POLYMASTIC 1 is an adhesive / sealant based on synthetic elastomers and special solvents that do not attack polystyrene.

POLYMASTIC 1 has a high tack after evaporation of solvents and a good resistance to water.

AREAS OF APPLICATIONS

POLYMASTIC 1 is specially adapted for bonding expanded and extruded polystyrene in slabs and panels, conventional building insulating materials (mineral wools, polyurethane panels), decorative rosettes and cornices, wooden and PVC skirting boards, etc. on most porous and non-porous building substrates.



TECHNICAL DATA

Color	Light beige
Viscosity at 20°C	Brookfield HBT Hel. B / 5 rpm: 250,000 ± 30,000 mPa.s
Density at 20°C	1.34 ± 0.04
Application temperature	10 to 30°C
Open time at 20°C	10 to 20 min *
Temperature resistance	-15 to +80°C

* this time depends on porosity of the substrates 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 even, 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) or acetone. 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.

Application:

The temperature of the adhesive and substrates should be between 10 and 30°C.

POLYMASTIC 1 can be applied in full surface with a spreader, or in dots or beads by a manual or pneumatic gun, on the smoothest substrate.

Put in place on the substrate to ensure a good transfer with the adhesive and remove from substrate again. Wait approximately 10 minutes to allow solvents to evaporate, then assemble by pressing strongly. Hold is immediate.

Final bonding strength is obtained after 48 to 72 hours for porous substrates and after 7 days for non-porous substrates (if the evaporation of the solvents before definitive assembling was done correctly).

Cleaning:

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

CONSUMPTION

Application in beads (Ø 5 mm): approx. 15 linear meters per cartridge.

Application in dots or in full surface: 300 to 1000 g/m².

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 below 25°C.

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

POLYMASTIC 1 is not frost sensitive: it can be exposed to a negative temperature (down to -5°C) during transport or storage without altering the characteristics or final properties of the product.

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.