

POLYMASTIC C



TECHNICAL DATA SHEET

Description of the product

POLYMASTIC C is a coarse 2-component polyester spatula putty. It has strong adhesion on the surface, covers deep irregularities (hollows, deep cracks, blows, etc) and hardens without leaving any cracks. It dries quickly and is easily sandpapered, leaving a surface with no pores.

Recommended uses

It is applied on metal, wooden and polyester surfaces.
It may also be applied.

- directly on clean and sandpapered metal plates in order to cover deep irregularities.
- over POLYMASTIC IN, after sandpapering.

Technical characteristics

Resin: Unsaturated polyester

Density: A: 1.875±0.075 gr/ml, B: 1.155±0.015 gr/ml (EN ISO 2811.01, 20°C)

Viscosity (A+B): Thixo

Solids b.w.: A: 87±2% (EN ISO 3251)

Flash Point.: A: 33±2°C (EN ISO 1523)

VOC (Volatile Organic Compounds): POLYMASTIC C belongs to the category B/b (Bodyfiller). EU Limit Value: 250 g/l (2007). The ready to use product contains max. 200 g/l.

Shades

Off white.

Application instructions

POLYMASTIC C must be applied on clean surfaces free from dust, old paints, oils, grease. Metal plates must be sandpapered or sandblasted.

POLYMASTIC C may be applied over a polyester putty (e.g. **POLYMASTIC IN**) that has previously been sandpapered.

A polyester spatula putty (e.g. **POLYMASTIC F**) or a polyester spray putty may be applied on top of **POLYMASTIC C**, which has previously been sandpapered, in order to minimize the porosity of the surface.

The surface must be insulated with an acrylic based filler before the application of the final paint.

Mixing ratio: 100A:2-3B b.w.

Pot life: 5±1 minutes (20°C) (EN ISO 9514).

Application method: Spatula.

Drying time

Sandpaper: After 30±10 minutes, depending on the mixing ratio.

Drying and recoating times may be prolonged under conditions of low temperature and high relative humidity.

Packaging

Component A is available in 0.4 Kg, 0.8 Kg and 1.5 Kg cans. Component B is available in 25 gr tubes.

Storage

6 months for Component A and 1 year for Component B, provided the cans remain closed and in normal storing conditions, below 20°C.

Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- **POLYMASTIC C** is used for filling **small scale but deep irregularities** without hardening.
- **POLYMASTIC C** can also be applied 'on the spot' over anticorrosive –epoxy-based or polyurethane-based– 2K undercoats, provided they are hardened (15 days) and sandpapered.
- Application on a cold surface or on a day with high relative humidity may result in adhesion problems due to the entrapment of humidity and the creation of rust.
- It is recommended to avoid the application of **POLYMASTIC C** in a thick coat because this may lead to shrinking problems of the putty, loss of adhesion etc.
- It is not recommended to use an excessive quantity of Component B, because it decreases the working time and creates problems of adhesion, irregularity of hardening, cracks on the film etc.
- Application of the polyester putty on the polyester surface or on a polyester putty is done after sandpapering the surface or the putty.

*Issued: October 2020
This issue replaces all others.*

