Technical Data Sheet

Issue date January 2025 for professional use only

Latico 5220 PE Putty

Product description

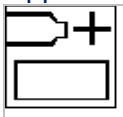
Latico 5220 is a universal, general purpose polyester putty which combines the use over variety of substrates with easy application, good sanding, and low porosity.

Substrates

Latico 5220 PE putty can be applied over bare metal, original (OEM) panels, glass fibre reinforced plastic (GRP), and properly sanded and prepared old finishes in sound conditions.

Prior to applying Latico 5220 PE putty, the surface should be clean and degreased. For degreasing and cleaning of bare metal, it is recommended to use KAPCI 606 Degreaser; for already treated surfaces, it is recommended to use KAPCI 605 Degreaser.

Application



Mixing ratio by weight:
100:1-3

100% Latico 5220 PE Putty
1-3% KAPCI PE Putty Hardener

2. Mix carefully PE putty with the hardener to avoid forming of air bubbles in the mixture.

Application:
Apply by a metal knife. For edges or curve surfaces use a plastic knife.
For deep filling apply in several layers allowing drying between the layers (no sanding in-between is required). Pot life of the mixture is 4-5 minutes at 20°C.

Drying time at 20°C:
Dry to sand: 20-30 min
Note:
1. The drying time and pot life (the working time) will depend on temperature and the amount of the hardener used. At lower temperature add 2-3 % of the hardener; at higher temperature add 1%.

Machine dry sanding:
The following grades of sanding papers and steps are recommended:
P80-P120 and finish with P180

Manual dry sanding:
The following grades of sanding papers and steps are recommended:
P80-P120 and finish with P180

IR Drying:
Short wave*: 5-8 min
*Guideline for short wave IR equipment. Refer to the IR equipment manufacturer's instruction for sets-up.

General notes

Overcoating

Latico 5220 can be overcoated with 2K Fillers and 2K Epoxy Primers. For maximum durability, apply KAPCI 2K Epoxy Primer over bare metal before applying Latico 5220 PE Putty.

Other tips

1. For long-lasting anticorrosion protection over large surfaces, it is recommended to apply KAPCI 2K Epoxy Primer over bare metal before applying PE putties.
2. For small damages, PE putties can be applied over well sanded and degreased bare steel.
3. PE putties can be applied over 2K Epoxy primers and underneath of 1K Etch Primers and 2K Wash Primers. Do NOT apply PE putties over 1K Etch primers, 2K Wash Primers, and TPA (thermoplastic acrylic) paints.
4. Do NOT apply paints (2K topcoats, basecoats, etc.) directly over PE putties.
5. Do NOT sandwich PE putties between two layers of paints.
6. Add 1-3% of PE putties hardener. Do NOT add less or more the hardener than recommended. The use of too much or too little PE hardener can cause a problem of bleaching/staining.
7. Wet sanding of PE putties is NOT recommended.
8. In colder conditions, the warming (infrared or oven) of panels can assist in curing prior to applying of PE putties.
9. After PE putties have been applied, clean immediately all used tools with strong solvents (e.g. NC thinners)

VOC (2004/42/EC)

2004/42/IIB(b) (250)230

The EU limit value for this product (product category: IIB.b) in ready for use form is maximum 250 g/liter of VOC.
The VOC content of this product in ready for use form is maximum 230 g/liter.

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.