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Technical Datasheet

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DUAL CURE WOOD FILLER

Two-component styrene-free polyester filler

Description

DUAL CURE WOOD FILLER is two-component, long pot-life, soft filler paste based on special resins. It is suitable to carry out works on wooden surfaces, like the reconstruction of defective parts, fillings, trimmings, etc. Once hardened it can be sawed, planed, drilled, and sanded the same as a piece of wood. It hardens by adding the appropriate catalyst and if irradiated with UV LED or Mercury-Gallium lamps is immediately stackable. It can be painted with the most common products on the market: oils, stains or paints no matter if waterbased or solventbased.

Characteristics

Mixture ratio	2 - 3 %
Application temperature	+10°C ± +50°C
Application	smooth trowel
Tempo di gelificazione	2%: 60-90 minutes 3%: 40-60 minutes (1)
Sanding	2 h if irradiated
Total drying time	6 h (1)
Fingerprint dry	Immediately with UV exposure. After approx. 12 hours without UV exposure (1)
Colour	On request
Storage stability	6 months (2)
Packaging	6,86 kg + 0,140 Kg
Tool cleaning	DILUENTE NITRO or DILUENTE ACETONE

1 *at 20°C and 65% R.H.*
2 *in original sealed containers at temperatures between +10°C and +25°C*

How to use

Surface preparation

Substrate must be solid, dry, free from dust and rotten parts, paints, oils and waxes. The wood moisture must be between 8% and 12%.

Product preparation

Mix well the two components and apply the obtained paste within the gel-time, taking care to fill the cavities deeply by exerting light pressure on the spatula. Pass the filled boards through a tunnel to obtain immediate surface drying of the filler. High pressure Mercury-Gallium or LED lamps can be used. Please note that, due to the high sensitivity of the putty to light, the container must be immediately closed after having taken the required quantity of product. Similarly, unapplied filler should be protected from sunlight. Belt speed: 11 m/min (in case of Mercury/Gallium lamps the max temperature of the putty should be less than 50°C).

Notes

Avoid applying when temperature is below + 10°C. Due to the high reactivity of the putty, smoke could be developed in case of a reaction mass exceeding 50 g: leave it in a well-ventilated area equipped with a fume extraction system.

Label elements

· For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

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