

PLASTUK LEGNO

Polyester filler paste for wood

3005.

18/10/17 LRD/nz



Description and use

Two-pack filler paste, easy to work, based on unsaturated polyester resins, suitable to carry out works on wooden surfaces, like the reconstruction of defective parts even of big dimensions, fillings, trimmings, etc.

It's possible to obtain any final thickness applying several layers allowing few minutes between them. It gets quickly hard by adding the proper catalyst. After hardened it can be sawed, planed, drilled, and sanded the same as a piece of wood.

It can be repainted with most of the enamels and stains available on the market.

Technical data

Colour	:	see colours card
Specific gravity**	:	part "A": 1.70 kg/l (± 0.03)
Hardener	:	paste code 40001015 (tube), code 40011015 (cartridge).
Curing ratio	:	100 parts of "A" + 2 ÷ 3 of "B" by weight with tube; DIDOC apparatus: fixed position.
Gel time**	:	5 ÷ 7 minutes with 3 parts by weight of hardener code 40011015 to 100 parts of "A"
Complete polymerisation**	:	after 2 hours
Sandability**	:	after 45 minutes on medium thickness
Shrinkage	:	< 1%
Flexibility	:	medium-high
Water resistance	:	very good
Solvent resistance	:	good
TVOC Indoor Air Quality	:	Classe A+ UNI EN ISO 16000-9
Storage life**	:	12 months in original sealed container, away from light.

**Data recorded @ 20°C (68°F) and 65% RH

Application note

Types of surface : Woods of every type provided they are treated as suggested in the following "Surface preparation".
For any further information, apply to our TECHNICAL SERVICE.

Surface preparation : Surface must be dry, free of dust, earth, fouling, rot, aged paints and wax.
Wood must be compact with high mechanical resistance and with humidity within 8% and 15%.
"Hairy" surfaces (wood fibers perpendicularly cut) have to be well imbued with a primer in order to strengthen the mass.
Cerous essences such as exotic wood, birch tree, or oily as olive tree, tek or with a high content of natural resins as fir, larch, pine, and other coniferae must be

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well cleaned with a proper solvent and, besides, they have to be insulated with a special primer.

Palisander (rosewood), oak, chestnut tree and others that contain substances which make difficult the adhesion, or soaked ancient woods of coal-tar, linseed oil, smokes, etc. must be treated anyhow with one or more coats of a primer surfacer (insulating).

In case of surfaces old and particularly difficult to be cleaned, it is suggested a sand-blasting followed by an impregnating-insulating treatment.

The wood treated with insecticides and phenol-based compounds must be carefully insulated with one or more coats of primer, and the adhesion of filler paste has to be carefully evaluated.

Application method : spatula (blade)

Product preparation : The use of the product in cartridge combined with DIDOC device allows the correct dosage of the two components.
Using the product in tin can, add the hardener to the filler in relation to the room temperature and to the requested gel time, like the following schedule:

Suggested ratio for a temperature	Tube (by weight)	DIDOC position
up to 10°C (50°F)	3 to 100	fixed
10 ÷ 20°C (50 ÷ 68°F)	2 to 100	fixed

Application note : Stir thoroughly and apply having care to spread well the filler on the surface, making a light pressure on the spatula.
Thick layers have to be applied in two or more times, the further layer must be applied when the previous one is already hardened and cooled.
For thin layers or in case of low temperature the waiting time for sanding and recoating is longer than those reported in technical data.
All PLASTUK LEGNO code 3005 shades can be blended among them to get intermediary gradations.
The product can be also coloured with powder pigments (iron oxide) for possible specific uses.

Overcoatable : after 2 hours @ 20°C (68°F) on medium thickness.
No problems applying normal solvent-based paints like acrylic, alkyd, epoxy, polyurethane and cellulose.
We recommend to make careful previous tests with water-based paints and non-conventional new type of products.

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Cleaning : Clean equipment immediately after use with cellulose thinner.

NOTE: Avoid to apply when temperature is below + 10°C (50°F)

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.
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