

3027 PLASTUK BLACK

POLYESTER FILLER PASTE FOR WOOD



Building



Interior/Exterior



Two-component



Ready-to-use



By spatula



Dry sandable

Description and Use

Two-component product based on unsaturated polyester resins.

It is suitable for applications on wooden supports, for reconstructing missing parts, even of large dimensions, filling, finishing, and so on.

It hardens quickly by adding the appropriate catalyst; after hardening it can be subjected to the same treatments as wood and it can be repainted with most of the enamels and mordants on the market.

The black color is further enhanced with the application of the transparent finishing layer. All that makes PLASTUK BLACK particularly suitable for the use on dark woods or for finishes with a marked aesthetic character.

Suitable surfaces:

Wood of all kinds, provided that they are treated as indicated in the "Preparation of the support". For further information apply to our TECHNICAL SERVICE.

Substrate preparation

Surface must be dry, free from dust, earth, fouling, rot, old paints and wax.

Wood must be compact with high mechanical resistance and with humidity within 8% and 15%.

On surfaces with cut perpendicularly wood fibers before filling it is good to impregnate with a primer in order to consolidate the mass.

Cerous essences (such as exotic woods, birch tree) or oily (such as olive tree, teak) or with a high content of natural resins (such as fir, larch, pine and other conifers) must be well cleaned with a proper solvent and subsequently isolated with a suitable primer.

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

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

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

Application

Application method:

- trowel

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 according to the room temperature and the requested gel time, like the following schedule:

Curing ratio	Tube	DIDOC
Temperature up to 10°C (50°F)	3 to 100 by weight	fixed position
Temperature up to 10°C	2 to 100 by weight	fixed position

Application method:

It is IMPORTANT to carefully mix PLASTUK BLACK with the catalyst in order to avoid drying problems and to obtain correct hardening of the putty .

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.

Recoating:

after 2 hours at 20°C (68°F) on medium thickness.

No problems applying usual solvent-based products 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.

Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with the current legislation.

Technical features

Colour	black RAL 9004
Specific gravity comp. A	1.813 kg/l (± 0.03)
Hardener	paste code 40011015 (cartridge for DIDOC)
	paste code 40001015 (tube)
Curing ratio	fixed position for DIDOC
	100 parts of "A" + 2-3 of "B" by weight with tube
Gel time	4-7 minutes with 3 parts by weight of hardener code 40011015 to 100 parts of "A".
Complete polymerisation	after 2 hours
Sanding	after 45 minutes on medium thickness
The data are measured at a temperature of 20°C and 65% R.H.	

Warnings

- For professional use only.
- Always read the safety datasheet before use.
- Solvents or thinners used for cleaning tools, as well as any product residues, must not be released into the environment or poured down domestic drains. The recipient/product/thinner or cleaning solvent must be disposed of in accordance with national regulations.
- Clean equipment immediately after use with cellulose thinner.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

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

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.tecnica@impa.it.