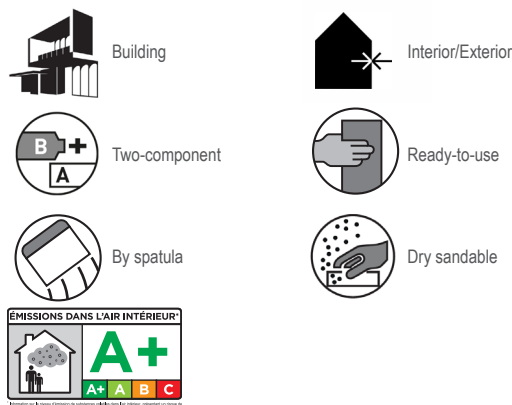


3099 PLASTUK DEEP

POLYESTER FILLER PASTE FOR WOOD



Advantages

→ for dark woods

Description and Use

Two-component product based on unsaturated polyester resins.

It is suitable for applying on wooden surfaces to reconstruct missing parts, even large areas, and also suitable for filling, joinery applications, etc.

It quickly hardens by adding the proper catalyst; after hardening 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.

It has a deep black colour, which remains even after sanding. This colour can be enhanced by applying a layer of clear finish; this makes PLASTUK DEEP particularly suitable for using on dark wood to obtain a beautiful finish.

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's IMPORTANT to mix PLASTUK DEEP carefully with the catalyst to avoid drying problems and to obtain a correct hardening of the filler.

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 6 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises 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 current legislation.

Technical features

Color	black
Specific gravity comp. A	1.70 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
TCOV emission in indoor air (UNI EN ISO 16000-9)	Class A+
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.
- Dispose of contents / container 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.technica@impa.it.