

3122 GLASS R

POLYESTER FILLER PASTE REINFORCED WITH GLASS FIBERS



Two-component



By spatula

Advantages

→ Fibre-reinforced

Description and Use

Two-component filler paste based on unsaturated polyester resins with added special glass fibres which provide the mass with high mechanical properties and surface hardness.

Suitable for reconstructing missing or strongly damaged small car body parts as well as for filling holes.

Tough, medium hard, high water-resistant, it can be sanded with rotating-orbital sander and can be recoated with other putties or with any type of finishing product.

Product also suitable for nautical use.

Substrate preparation

Surface to be filled must be dry, clean, free of dust or grease and made rough by sanding.

Suitable substrates:

Steel, cast iron, aged car paints and fiberglass free of detaching agents. For further information apply to our TECHNICAL SERVICE.

Not suitable substrates:

Wash primer, epoxy primers with phenolic hardeners, thermoplastic varnishes, solvent sensitive primers. Aluminum, light alloys, galvanized and difficult-to-adhere substrates must be previously treated with a non-phenolic or acid cured adhesion primer.

Application

Application method:

- trowel

Product preparation:

To use the filler, add the hardener to the filler according to the room temperature and the requested gel time, like the following schedule:

Curing ratio	Tube
Temperature up to 10°C (50°F)	3 to 100 by weight
Temperature between 10 and 20°C (50 ÷ 68°F)	2 to 100 by weight
Temperature up to 20°C (50°F)	1 to 100 by weight

Application

Application method:

Stir thoroughly the two components until to get an homogeneous paste.

Apply the filler pressing down the spatula in order to have the best adhesion, using the long fibers to restore the lacking parts or to clog the holes.

After 30-40 minutes level with an abrasive disc or with the rotate-orbital sander using sandpaper P60-P80 grit.

If necessary, top up with non-reinforced polyester filler.

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 current legislation.

Technical features

Colour	kaki green
Specific gravity comp. A	1.73 kg/l ($\pm$ 0.03)
Hardener	paste code 4000
Curing ratio	100 of A + 1-3 of B by weight
Gel time	6 -8 minutes with 2 parts by weight of hardener to 100 parts of "A"
Complete polymerisation	after 3 hours
Sanding	after 40 minutes on medium thickness
Flexibility	medium
Water resistance	good
Solvent resistance	good
AFNOR NF T 36-005 classification	Family 4 - Class 3
EU limit values for VOC content (Directive 2004/42/EC)	Category B/b, SB: VOC max 250g/l; product VOC < 250g/l
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.technica@impa.it.