

3034 METALFINE STUK

UNIVERSAL POLYESTER FILLER WITH METAL POWDER



Car refinish



Industry



Two-component



Ready-to-use



By spatula



Dry sandable

Description and Use

Two-pack filler paste easy to apply, fast drying and good sanding. It is made up of unsaturated polyester resins, inert mineral fillers and aluminum powder which gives a metallic appearance.

This special formulation ensures high adhesion to galvanized surfaces, steel, aluminium, light alloys and fiberglass.

Substrate preparation

Surfaces to be filled must be dry, degreased, roughed and free of existing paints.

Suitable surfaces:

Steel, aluminium, light alloys, zinc plated steel 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.

Copper and its alloys 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:

| Room temperature | Curing ratio |
|---|--------------------|
| 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 and apply making a light pressure on the spatula, to get a better adhesion.
For the sanding work it's suggested the use of sandpaper P80, P120, P180, P240 grit.

Infrared rays lamps

Using medium or short waves IR lamps, waiting time before sanding can be reduced, getting at the same time a drier surface.

After application allow some minutes before radiating the filler.

It is important that the filler temperature never exceeds 60°C (140°F).

Refer to the lighting system manufacturer to get correct user information (e.g. times and distances).

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 | iron grey |
| Appearance of the hardened product | metal alike |
| Binder | blend of unsaturated polyester resins |
| Specific gravity comp. A * | 1.77 kg/l (± 0.03) |
| Hardener | paste code 4000 |
| Curing ratio | 100 di A + 2-3 di B by weight |
| Gel time * | 4-6 minutes with 2 parts by weight of hardener to 100 parts of A |
| Complete polymerisation * | after 2 hours |
| Sandability * | after 30 minutes on medium thickness |
| EU limit values for VOC content (Directive 2004/42/EC) | Category B/b: VOC max 25g/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.
- 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.