

## 3020 FLEX

HIGH FLEXIBILITY POLYESTER FILLER



Car refinish



Two-component



Ready-to-use



By spatula



Dry sandable

### Advantages

→ Excellent flexibility and elasticity

### Description and Use

Two-pack filler paste based on unsaturated polyester resins and inert mineral extenders, designed to be sanded both dry and wet.

It is characterized by a high flexibility and elasticity and by a great resistance to mechanical stress.

It has excellent adhesion to the substrate and can be used in both thin and thick layers.

Suitable for applications on all parts that are subjected to strong vibrations, bending, repeated impacts, as they follow the deformations without detaching or cracking.

### Substrate preparation

Surfaces 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:

- By spatula

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

### Application method:

Stir thoroughly the two components and apply making a light pressure on the spatula, to get a better adhesion.

For the dry sanding work it's suggested the use of sandpaper P80, P120, P180, P240 grit.

For the wet sanding use P180, P240 and P320 grit; in this case it is recommended to wait until the filler is perfectly dry before continuing the job.

For best final result, before applying the top-coat spray over the filler a coat of the High Solids Primer EQUALIX HS code 1513 or STAR PRIME HT code 1543.

### 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).

### Sanding:

after 30 minutes on medium thickness.

## 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	yellow
Specific gravity comp. A	1.85 kg/l (± 0.03)
Hardener	paste code 4000
Curing ratio	100 of A + 1-3 of B by weight with tube
	positions 1-2-3 with DIDOC
Gel time	4-6 minutes with 2 parts by weight of hardener to 100 parts of A
Complete polymerisation	after 2 hours
Flexibility	excellent
Water resistance	good
Solvent resistance	excellent
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.
- 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](mailto:assistenza.technica@impa.it).