

1291 EPOX LG

2K LIGHT WEIGHT EPOXY FILLER



Nautical use



Two-component



Ready-to-use



Trowel



Trowel

Advantages

- Low specific gravity
- Good sandability

Description and Use

Low specific gravity two-pack epoxy filler paste.

Easy to spread, it is suitable for applications on large and vertical surfaces, even in great thickness, without making the treated surfaces heavier.

Its main feature is the good sandability and the excellent adhesion too; it can be applied on steel, aluminium, fiberglass, wood.

Recommended as anti-osmosis barrier in the hulls of fiberglass boats.

Substrate preparation

Surfaces must be dry, clean, free from dust or grease and made rough by sanding.

Application

Application method:

- trowel
- trowel

Application method:

Product is ready-to-use and must not be thinned.

Take out 1 part by weight or by volume of the component "A" and 1 part of the component "B", stir thoroughly up to obtain an homogeneous coloured mass.

Apply making a light pressure with the spatula, in order to allow the filler to enter the unevenness of the surface, ensuring so a better adhesion.

Hardening:

Product remains spreadable for about 1 hour at 20°C (68°F), then it starts to get viscous and thick, till it is no more applicable.

The complete hardening and the maximum chemical resistance will be reached after a week.

Temperature affects strongly the hardening time, and the differences between summer and winter can be considerable.

Sanding:

After 24 hours.

Recoating:

Immediately after sanding, or between 24 and 36 hours.

Tools cleaning:

Immediately after use with Cellulose Thinner.

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 24 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.

Transport and storage conditions:

must be stored in temperature-controlled not below 0°C (32°F) Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

| | |
|---|--|
| Color | blue |
| Appearance of the hardened product | solid mass, strong |
| Type of product | two-component with hardener code 4038 |
| Specific gravity comp. A | 0.78 kg/l (± 0.02) |
| Specific gravity comp. B | 0.78 kg/l (± 0.02) |
| Curing ratio | 1:1 by weight or volume |
| Pot-life | 60 minutes |
| Consistency | thixotropic paste |
| Recommended thicknesses | from thin layers to a maximum thickness of 2.5 centimetres |
| Shore Hardness A | 96 |
| Shore Hardness D | 47 |
| Absorption after 21 days | fresh water 1.3% |
| Linear shrinkage | ≤ 0.35% |
| The data are measured at a temperature of 20°C and 65% R.H. | |

Warnings

- It is recommended not to use when temperature is below + 10°C (50°F) or above 35°C (95°F).
- A slight surface yellowing over time of the part "B" is due to the contact between the resin and the air, but it doesn't change the final product features.
- For professional use only.
- Always read the safety datasheet before use.
- Dispose of contents / container in accordance with national regulations.
- 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.

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.