EPOXY FILLER LIGHTWEIGHT NEW

Technical information

Product components :
Lightweight epoxy filler – component A
Hardening agent for light epoxy filler – component B

Volume:
component A + component B : 750 ml, 7,5 l.

Product Description :



Epoxy filler lightweight does not contain “BISFENOL A” and any solvent. Lightweight epoxy filler with very low specific gravity. Owing to the use of special silica microspheres, we have developed an ultra-light product. This allows for the application of very thick layers with infinitesimal contraction and no defects. Contraction after hardening is < 0.5%. Lightweight epoxy filler is highly flexible. After setting, it attains a high degree of hardness, while retaining an excellent compliance to be sanded with a sandpaper. After hardening, it does not absorb water or humidity.

Uses :
Recommended for the repair of swimming equipment, above and below the water line. Works well for epoxy cycles. Recommended for big surfaces and wherever there is significance of low weight of a construction. Characterized by excellent adhesiveness to all types of surfaces, including: glass-polyester laminates, glass-epoxy laminates, as well as wooden, steel, fibre, and other materials.

Physiochemical characteristics :
Filler colour, comp. A: white
Filler finish: half matte
Weight of 1 litre = 700 grams

Hardening agent colour, comp B: light grey
Finish of comp. B: half matte
Weight of 1 litre = 700 grams

Mixture Colour: light grey

Preparing the surface:



Degrease the work surface, sand with a sandpaper of P40-P280 granulation. Remove dust and degrease again. Wash off salts and any other contaminations with fresh water.

Component mixing proportions :



	Filler : Hardening Agent
units of weight: (g)	100 : 100
units of volume: (l)	1 : 1

Do not exceed the recommended amount of hardener!

Mix the ingredients together until a uniform colour is obtained.
Do not mix bigger amount of the product than the one that can be used within the use-by date.

Application time :
after mixing them together with the hardener is 50 minutes.

Application conditions:
The minimum temperature for application of epoxy filers is +10°C.
Best results can be achieved at the temperature of 20-25°C. The relative humidity should not exceed 70%.

Application :



Apply with a putty knife.
Do not exceed the thickness of 10 mm in one layer.

February 2018

EPOXY FILLER LIGHTWEIGHT NEW

Technical information

Setting time :



20 hours at 20°C.
Temperature below 20°C significantly extend the setting time.
At the temperature < 10 °C the filler does not polymerize.

The given times must be considered as guidelines only. The actual setting time may be shorter or longer and depends on film thickness, ventilation, humidity, etc.

Theoretical Output :

about 6 m2/kg for the thickness of 200 µm (1 liter = 0,700 kg)

Further Work :

After setting, the surface should be sanded:

- general sanding: P80-P120,
- finishing work: P120-P240.

Lightweight epoxy filler can be finished with:

- any Sea-Line epoxy system,
- any Sea-Line polyurethane system

Caution: Before applying a polyurethane system like gelcoat or topcoat, it is recommended to cover the filler with a thin layer of Sea-Line Epoxy Lightprimer 5:1.

General Cautions :



- During the work, it is necessary to use a functional personal protective equipment. One should their protect eyes and respiratory tracts.
- Rooms should be well ventilated.
- Tools should be washed directly after application
- Minimum application temperature is +10°C

Caution: In the interest of safety, always act in accordance with the data included in the technical data sheet for a given product.

Storage :





Product components should be kept in tightly sealed containers, in dry and cool spaces, far away from the sources of flames, heat, and sun rays.

Caution: After every use, containers should be closed immediately!
Protect hardener from overheating!

Expiration date :



Filler - 12 months from the date of production.
Hardening agent - 12 months from the date of production.

Quality Guarantee :

Production, quality control, and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.

All data in this document have been prepared for informational purposes. We can not take responsibility for the results of user actions over which we have no control. Responsibility of the user is to make the test sample and determine the suitability of the product for individual applications.Sea-Line do not take responsibility for any damages, or loss of profits associated with the improper use of the products.

All information is based on scrupulous laboratory research and many years of experience. Our position of market leadership does not free us from constant quality control of our products. However, we do not accept responsibility for the effects of improper use or storage of our products, or for the effects of using our products in any way contrary to the standards of good workmanship.

TROTON sp. z o.o. Ząbrowo.