

POLYESTER FILLER LIGHTWEIGHT



Technical information

Product components :

component A : Light polyester filler
component B : Hardening agent for light polyester filler, red colour.

Volume:

component A + component B : 200 ml, 1 l, 2,5 l.

Product Description :



Lightweight polyester filler is a backing sand with very low specific gravity. Owing to the use of special silica microspheres, we have developed a product much lighter than other polyester fillers. The lightweight filler is flexible, exceptionally easy to process.

Uses :

Recommended for repairs above the water line; for filling out dents on large surfaces. Characterized by excellent adhesiveness to a wide variety of surfaces: polyester laminates, two-component acrylic primers, steel surfaces, galvanized steel surfaces, aluminum surfaces, and old varnish coatings.

CAUTION: Do not apply filler directly to reactive primers or single-component acrylic and nitrocellulose products.

Physiochemical characteristics :

Filler Colour: light green.
Filler finish: matte.

Hardening agent colour: red
Hardening agent finish: half matte.

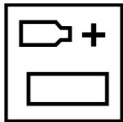
Preparing the surface:



Polyester laminates must earlier be degreased, sanded dry (P80÷P120) and degreased once again.

Primers must earlier be degreased, sanded dry (P220÷P280) and degreased once again.

Component mixing proportions :



units of weight: (g) Filler : Hardening Agent
100 : 2÷3

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 3-5 minutes.

Application conditions:

The minimum temperature for application of fillers 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 5 mm in all layer. Every successive layer should be approximately by 10% thinner than the previous one.

Setting time :



20-30 minutes at 20°C.

Temperature below 20°C significantly extend the drying time.

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 4 m²/kg for the thickness of 200 µm.

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Further Work :

After setting, the surface should be sanded:

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

Lightweight Polyester Filler can be finished with:

- polyester fillers.
- epoxy fillers.
- epoxy primer.

In order to achieve full water resistance of the repaired surface, the repaired area should be covered by a closing coating:

- polyurethane coating.
- epoxy coating.
- polyester coating based on isophthalic resins (gelcoat, topcoat).

General Cautions :

- During the work, it is necessary to use a functional personal protective equipment. One should protect their 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, 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 - 18 months from the date of production.
Hardening agent - 18 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.