



Casting compound for hobbyists

Gilufom light is a powder for mixing with water, which after brief stirring produces a smooth-flowing compound, physiologically harmless and eco-friendly, for use in making reliefs, figures, statuettes, etc.

The product is not suitable for supporting elements.

Particular advantages

- a) Reduction in specific weight to 1,2 - 1,3 g/cm³
- b) Child's play to process
- c) Porcelain-like structure of the moulded parts after setting.
- d) Firing not required.
- e) High imaging accuracy.
- f) Surface design with all commonly used paints.

Key data:

Mixing ratio:

Powder : water

2,8 - 2,9 kg : 1 l
approx. 2,7 l

Mixing volume

Processing time approx. 12 min

End of setting approx. 20 min

Hardness approx. 80 - 100 N/mm²

Processing instruction:

The commercially available moulds are made of PVC plastic, flexible silicone rubber or latex hollow moulds.

Pour Gilufom „Light“ into the water in the mixing ratio specified above, and immediately stir vigorously for 1 - 2 minutes, until the initially viscous compound is flowing smoothly. For larger quantities, use an electric whisk.

After you have filled the moulds involved, it is advantageous to vent them under vacuum in order to obtain a smooth surface.

Removal from mould:

About 60 minutes after casting, the hardened cast can be removed from the mould; it is then best stored in a position where it is exposed to air on all sides (e.g. on wooden laths).

Drying:

At room temperature 2 - 3 days are required, at 40° at least 24 hours for adequate drying of the cast concerned.

Surface design:

After complete drying, the surface can be coloured by using water-soluble paints, varnishes or cover coatings (acrylate).

Special notes:

Use only clean water and clean vessels. Do not exceed the stated processing time.

Packaging:

Paper bags with foil lining

25 kg

Shelf life:

At least 6 months in properly sealed, moisture-proof containers.

The above particulars are given to the best of our knowledge and after careful checking. We guarantee faultless quality for our products, but accept no liability for processing results, which will usually be outside of our power to influence.