GILUFORM SG SP17

Synthesegips Service

For the production of hollow cast models in the rotating process.

A powder, mixable with water, yielding a readily flowable mass after short-term stirring, which can be use for production of hollow cast models in the rotating process.

Not suitable for load bearing structures!

Special advantages

- Simple processing
- Quick solidificatin without additives
- Porcelain-like structure of the casted materials
- No driing, no firing
- Accurate reproduction also of fine details
- Surface-treatment possible with all commercial colours
- Not harmful to skin or injurious to health.

Characteristics

In powder form	
Mixing ratio, powder : water	4 kg : 1 l
= mixed volume	2,4 l
Working time	approx. 7 min.
Setting time	approx. 15 min.
Surface hardness	above 280 N/mm²

Processing

Preferably, two-piece silicone-caoutchouc patterns should be used as negative mould for the swivel casting process. It is possible, however, also to use elastic latex moulds which are reinforced by means of two-part staving structures to avoid any deformation of the latex mould during handling.

The quantities to be applied can be computed on the basis of the above-mentioned mixing volume, taking into consideration the size of the mould utilized and the wall thickness anticipated.

Strew GILUFORM SG SP17 powder into the water held ready in the above-mentioned mixing ratio. Vigorously mix for approximately 1 minute. If larger quantities are involved, the use of an electric stirrer is recommended. Fill the mixture into the negative mould, cover the sprue opening by means of a plate of glass or plastic material, and distribute the mass by means of swivelling onto the inside of the mould.

Removal from the mould can be carried out after approximately 30 minutes. After the complete solidification has been achieved after approximately 8 hours, the surface can be treated with commercially available paints or coatings.

Special hints

It is important to use only pure water and clean vessels.
Do not exceed the working time.

Packing

Paper bag with foil liner	50 kg (110 lbs)
Paper bag with foil liner	25 kg (55 lbs)

Shelf life

At least 12 months in closed, vapour-proof packages.

The above recommendations are given to the best of our knowledge. We grant the quality of our products according to our specification. Any further liability cannot be accepted since the proper application of our products is outside of our control.

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