Premium casting compound for the most demanding creative projects

When the highest precision and flawless surfaces are essential

GILUFORM SP10 is a high-quality, water-mixable casting powder for the production of reliefs, figures and models. Its specially developed formula combines excellent flow properties, high strength and a brilliant surface finish for professional applications. GILUFORM SP10 is not suitable for load-bearing elements.

Key benefits

- **Premium casting powder for professional use**
  A high-quality material that meets the highest standards.

✓ ***Your advantage:*** *Premium quality for demanding projects and perfect results.*

- **Designed to meet the highest standards**
  The formulation meets the highest standards of precision and surface finish.

✓ ***Your advantage:*** *Consistently top-class results, even with complex applications.*

- **Low-porosity casting & excellent surface finish**
  The optimised formulation ensures a very uniform, almost pore-free surface.

✓ ***Your advantage:*** *Particularly smooth, highly detailed models requiring minimal finishing work.*

- **Maximum strength thanks to synthetic raw materials**
  The use of high-quality synthetic raw materials ensures maximum stability.

✓ ***Your advantage:*** *Robust, durable models with excellent form stability.*

- **Maximum whiteness for a brilliant finish**
  The very high degree of whiteness gives it a particularly clean and elegant appearance.

✓ ***Your advantage:*** *Optimal visibility of the finest details and a high-quality overall finish.*

- **Ideal for delicate moulds**
  The material properties enable even the finest structures to be reproduced with precision.

✓ ***Your advantage:*** *Reliable processing even with complex and intricate shapes.*

Technical data

Parameter	Specification
Temperature powder/water	22 °C ± 3 °C
Mixing ratio	1 kg : 0,25 l
Mixing volume	approx. 0,6 l
Working time	approx. 6 min
Setting time	approx. 10 min
Hardness	> 300 N/mm²
Appearance	white powder

Processing

Align the mould (e.g. a standard flexible plastic mould) with level.

Mix and pour

Sprinkle GILUFORM SP10 into the water in the mixing ratio specified above. Stir vigorously for about 1 minute until the initially viscous mixture flows freely. An electric mixer is recommended for mixing larger quantities. Pour the mixture into the mould in a thin stream so that initially only a thin layer without air bubbles spreads across the surface. The rest can then be poured in quickly.

Special advice

Use only clean water and clean containers. Do not exceed the working time.

Risk of burns! Never immerse your hands, feet or other body parts directly into the casting material for taking impressions. During setting, the temperature can rise to over 50 °C, which can lead to severe burns, skin damage and, in the worst case, amputation of body parts. Please use suitable impression materials for this purpose.

Demoulding

The casting should be removed from the mould no sooner than 15 minutes after setting has been completed, but preferably after 30 minutes. The casting heats up considerably and should ideally be stored in a well-ventilated position on all sides (e.g. on wooden slats) until it has cooled completely.

Surface design

Once the surface has fully hardened (after about 8 hours), it can be painted.

Applications

- Reliefs and decoration
- Figures and models

Packaging & storage

Packaging: 1.000 kg big bags | 25 kg valve bags with moisture-protection foil liner |
Other packaging options, small containers or private label products are available on request.

Storage: Shelf life of at least 12 months in closed, vapor-proof packages. Store in a dry environment.

Disclaimer: *The above recommendations are given to the best of our knowledge and after careful review. We guarantee 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.*