



Ragione Sociale
VELTMAN ITALIA S.r.l.
P.za Maggiore, 32
20065 INZAGO (MI) Italia

Uffici e sede operativa
VELTMAN ITALIA S.r.l.
Via Ca' Treviglio
24040 PONTIROLO NUOVO (BG) Italia
Tel +39.02.90967999
Fax +39.02.92010866
@mail info@veltman-italia.it
Web www.veltman-italia.it

Cod. Fis./Part. IVA 07007360964
N° Iscr. C.C.I.A.A. 07007360964

GV350-EASYPLAST

HIGH QUALITY SYNTHETIC GYPSUM

A synthetic resin in powder that mixed with water in appropriate stoichiometric ratios is perfectly pourable in any formwork and guarantees rapid hardening without the need for cooking.

Special benefits

- Biological safety due to the natural derivation of the various components
- Biodegradability of the artifacts obtained
- Adaptability to industrial or infant processing
- No need for drying or cooking
- Low thermal reaction peak around 30 °C.
- High reproduction accuracy
- Possibility of mass or surface colors
- Physiologically non-toxic
- Possibility of polishing the finished product with the brushes
- Possibility of galvanic bath finishes
- Water washable utensils

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| • Aspect: | White Powder |
| • Mixing Ratio
powder : water | 1 Kg : 0,33 l |
| • Processing Time | About 10-12 min. |
| • Solidification Point | App. 15-20 min. |
| • Superficial hardness | More than 300 N /mm ² |

Recommendations for use

- Product can be poured into any type of mold.
- Fill a container with water and sprinkle the product until absorbed.
- Shake by hand or with a stirrer (max. Rpm 300 per minute) for about 2 minutes.
- Be careful not to create air bubbles, specific Veltman anti-bubble products are recommended for large quantities.
- Pour the mixture into a formwork or use for low pressure injection molds.
- Pot life time: about 10-12 minutes at 20°C
- Removal time from the mold: about 20-40 minutes.
- Max hardening time after about 8 hours in a dryer with a max temperature of 40°C.

Useful tips

- It is important to use only pure water and clean containers.
- Do not exceed the processing time.

Packaging

- Bag of paper (Brown) 25 kg

Minimum Storage

- At least 12 months in closed rooms.

The above recommendations are provided to the best of our knowledge, after careful consideration. We guarantee the quality of our products according to our specifications. Any further liability cannot be accepted as the correct application of our products is beyond our control.

PRODUCT CHARACTERISTICS

GV350-EASYPLAST is a high quality synthetic gypsum, which is mixed with water in suitable stoichiometric ratios.

After stirring, a fluid perfectly pourable is obtained which can be used in silicone rubber molds, in any formwork or low pressure injection molds.

GV350-EASYPLAST, in its formulations suitable for casting, guarantees a natural rapid hardening without the need of firing; the details obtained with this product guarantee a good replication of the original and can be decorated with all kinds of colored supplies (synthetic, acrylic, solvent or water) and also treated in a galvanic bath.

Thanks to its characteristics, the product is also particularly suitable for the preparation of molds in the ceramic field and support counter-molds for silicone rubber casts. Particularly suitable in the building sector as a substitute of higher quality than natural gypsum (such as scagliola gypsum) and in high-quality decorations for the preparation of stucco.

The Veltman Italia Company is able to supply setting retardants, hardeners, fluidifying agents, de-airing agents and catalysts, capable of giving the product particular characteristics.