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GV60-TERRACOTTA

COLORED NATURAL RESIN

A kit consisting of 25 kg of synthetic resin in white powder and 1 kg of concentrated terracotta color which, when mixed with water in appropriate stoichiometric ratios, can be perfectly poured into any formwork and guarantees rapid hardening without the need of cooking.

Special benefits

- High resistance of the products for many sectors of use
- Very low expansion
- Biological safety due to the natural derivation of the various components
- Possibility of varying the mixing ratio of 25: 1 between white powder and color concentrate to increase or decrease the final shade of the product made as desired.
- Biodegradability of the artifacts obtained
- Adaptability to industrial or infant processing
- Molecular structure of the finished product similar to porcelain
- No need for drying or cooking
- Low thermal reaction peak around 30 °C.
- Very 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

Features

- Aspect: 25 kg white powder and 1 kg of concentrated terracotta color powder.
- Mix Ratio White and Concentrated: 25 kg : 1 kg
- Mix Ratio powder . water 1 Kg : 0,33 l
- Working Time About 10-12 min.
- Solidification point App. 15-20 min.
- Superficial hardness Superior at 300 N /mm²

Recommendations for use

- Product can be poured into any type of mold.
- Mix the white gypsum powder with the concentrated terracotta powder in a ratio of 25 to 1.
- Mix thoroughly until a homogeneous and uniform color of the powder is obtained.
- 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 low pressure for 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 maximum temperature of 40 °C.

Useful tips

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

Packaging

- paper bag (white gypsum) 25 kg
- plastic bag (conc. Terracotta) 1 kg

Minimum conservation

- At least 2 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 FEATURES

GV60-TERRACOTTA synthetic resin, is a product composed of 25 kg of synthetic resin in white powder and 1 kg of concentrated terracotta color that is mixed with water in appropriate stoichiometric ratios.

After mixing the white gypsum powder with the concentrated terracotta color powder according to the ratio of 25 to 1 until a homogenous and uniform result is obtained, the relative quantity of water is added according to the powder / water ratio of 1 Kg: 0, 33 Liters obtaining a fluid and perfectly pourable mass both in silicone rubber molds and in any formwork.

GV60-TERRACOTTA guarantees a natural and rapid hardening without the need of cooking; the details obtained with this product guarantee a perfect replication of the original without any deformation or shrinkage.

It ensures an aesthetic alternative to terracotta, with the advantage of greater hardness. The processing tools are washed with water.

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