



Super Die stone material with thixotropic consistency, quick separating from mould

EN ISO 6873

For the manufacture of stumps, tooth bands and models in the technique of precious metals and ceramics.

Gilrock meets highest requirements.

The castings

- are of high stability
- have very smooth surfaces
- are scratch resistant
- show high precision
- fast final hardness

Physical data

Solidification point approx. 12 min

Compressive strength
after 1 hour min. 60 MPa

Hardness after 24 hours min. 250 MPa

Linear setting expansion below 0.1 %
after 2 hours

Working method

Mixing ratio

Gilrock: dest. water 100 g : 20ml

Working temperature approx. 23° C

Strew the powder in the given ratio into the water.

Mechanical mixing 30 sec

Hand mixing 60 sec

The initial consistency becomes more fluid during mixing and reaches optimum fluidity, when casting the moulds on the vibrator.

Working time app. 7 min

Do not vibrate after this time so as not disturb the crystallization.

Availability

yellow brown, ivory, grey

Packaging

Paper bags with foil liner 25 kg

Portable cartons with foil liner 20 / 25 kg

Pouches 3 / 5 kg

Shelf life

At least 1 year in well closed, vapour-proof packages under dry storage conditions.

Recommendations for refilling into small packages

Gilrock should be refilled in a dry room.

Avoid contact with the air. Only vapour-proof packing should be used eg.

- plastic-aluminium foil
- low-pressure polythene containers with a wall thickness of min. 0.5 mm.

The recommendations are given to the best of our knowledge after careful control. 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.