



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 N/mm ²
Hardness after 24 hours	min. 250 N/mm ²
Linear setting expansion after 2 hours	below 0.1 %

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, apricot, gold yellow, 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.

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.