

Indication

Super hard stone, class IV, DIN EN ISO 6873

Super hard stone for implant work, sectioned and master models for the crown and bridge, inlay and onlay and chrome technique.

Processing

100 g powder : 20 ml demineralised water (average value).

The amount of water can be increased or decreased by up to 1,5 ml. With less liquid the stone will be harder and the working time will be shorter. More liquid has the reverse effect.

Please take care only to mix enough plaster that is required for three to four models (this is important for crystallization!).

Empty plaster into mixing beaker and then add water. Slowly stir by hand until powder and liquid are well mixed.

Then mix under vacuum for 45 sec. Start the mixing action after a full vacuum has been established. Not needed mixing bowls always leaving filled with water.

Technical data (applies for a mixing ratio of 100 g : 20 ml and vacuum mixing):

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| Brinell hardness after 2 hours (MPa; N/mm ²)..... | 310 |
| Brinell hardness after 24 hours (MPa; N/mm ²)..... | 340 |
| Compressive strength after 1 hour (MPa; N/mm ²)..... | 64 (9,280 psi) |
| Setting expansion (%)..... | 0,10 |
| Complete stability (min)..... | 30 - 40 |
| Working time (min)..... | 6,0 - 7,0 |

Shelf life

At least 24 months if stored tightly closed and under dry conditions.

Warranty

SHERA Werkstoff-Technologie GmbH & Co. KG is certified according to DIN EN ISO13485 and guarantees for the products, due to a thorough quality control system, a flawless quality of its products. Our instructions for use are based on the results of our test laboratory. The technical data given can only be guaranteed if the processing is carried out as mentioned. The user is self-responsible for processing of the products. We are not liable for faulty results as SHREA has no influence on the processing. Nevertheless possibly arising claims for damages relate to the value of the products only.

