

1. Indication

Hard stone, class III (DIN EN ISO 6873) to fit models into the articulator, also for milling base and matrixes.

2. Processing instructions



Mixing ratio:
Powder : demineralised water
100 : 28 ml



Mixing by hand
First fill the stone powder into the mixing bowl, then add water and stir by hand swiftly until powder and liquid are homogeneously mixed together. Hand mixing over all approx. 45 seconds.



Working time:
Work up the mixture within 2 – 2.5 minutes.



Further process time:
After approx. 15 minutes, further processes can be carried out.

3. Technical data (for the mixing ratio of 100:28 and mixing under vacuum)

Hardness after 2 hours (MPa; N/mm ²).....	100
Hardness after 24 hours (MPa; N/mm ²).....	120
Compressive strength after 1 hour (MPa; N/mm ²).....	30
Setting expansion (%).....	< 0,04
Working time (min).....	2.0 – 2.5
End of setting (min).....	15

4. Recommendations and advice

- Only use clean and dry tools.
- Only use demineralised water.
- Never use additives like trimming water or stone hardener.
- Exactly dose stone and water. Changing the amount of water by up to 1.5ml results in:
 - Less liquid → harder stone, shorter working time
 - More liquid → softer stone, longer working time.
- Clean workplace and tools immediately.
- Preferably avoid ablating. If necessary:
 - Distance of the blast pipe should be at least 10 cm.
 - In order not to overheat the stone, work in intervals.
 - Bond disruption between articulating plaster and model may occur due to large temperature differences.

5. Shelf life

At least 24 months in closed containers in dry rooms.

6. Warranty

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