

SHERAALABASTER

INSTRUCTION FOR USE

1. Indication

Plaster type 2 (class 2) (EN ISO 6873) for study models, for investing of partial and full dentures and flask technique.

2. Processing instructions

Mixing ratio



Powder : demineralised water

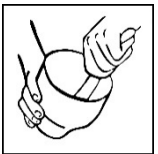
100 g : 45-50 ml

The amount of water can be increased or decreased by up to 1.5 ml.

Less liquid → stone/plaster will be harder, working time will be shorter and expansion will increase.

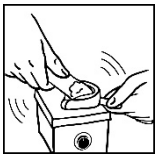
More liquid → stone/plaster will be softer, working time will be longer, expansion will decrease

Mixing by hand



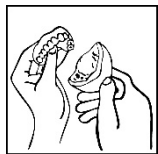
First pour stone/plaster powder into the mixing bowl, then add water and stir slowly by hand until powder and liquid are well mixed, then spatula for 45 seconds. Total hand mixing 60 seconds.

Working time



Process the stone/plaster with water mixture within 2 - 3 minutes.

End of setting time



After approx. 20 minutes you can remove the model from the mould.

3. Technical data

(at mixing ratio 100 : 45-50 an mixing under vacuum)

Hardness after 2 hours (MPa; N/mm ²)	40
Hardness after 24 hours (MPa; N/mm ²)	45
Compressive strength after 1 hour (MPa; N/mm ²)	20
Setting expansion after 2 hours (%)	0.18
Working time (min)	2.0 - 3.0
End of setting time (min)	approx. 20

4. Tips and tricks

- Use only clean and dry tools.
- Use only demineralised/distilled water.
- Never mix stone/plaster with additives like trimming water or stone/plaster hardener.
- Dose stone/plaster and water exactly.
- Keep the surface of the vibrator clean and smooth.
- Clean work place and tools immediately after use.
- Preferably avoid evaporation, if possible:
 - Distance of the nozzle should be at least 10 cm.
 - Work at intervals so as not to overheat the stone/plaster.
- For scalding, allow the plaster to adjust to the temperature.

5. Shelf life

At least 24 months in closed containers in dry rooms.

6. Warranty

SHERA Werkstoff-Technologie GmbH is certified according to EN ISO 13485 and guarantees for the products, due to a thorough quality control system, a flawless quality of its products. Our user recommendations are based on so-called guideline values determined in 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 SHERA has no influence on the processing. Nevertheless possibly arising claims for damages relate to the value of the products only.

