

SHERAPOLAN 2:1

INSTRUCTION FOR USE

Model resin based on polyurethane

1. Indication

Model resin based on polyurethane. Suitable for the production of precision models for the complete precious and non-precious metal technique, for pouring thin and undercut dies. It is usable for insulated and dry impression materials, not suitable for alginates and hydrocolloid impressions.

2. Properties

Easy to apply, pourable, very fluently, precise reproduction, dimensionally stable and long-lasting, firm margins, resistant to abrasion as well as grindable and sawable.

3. Preparation

The component A should be shaken well before use, as it may deposit during storage. In case of considerable deposits it is recommended to warm up the component A in a microwave at approx. 600 watt for 30 – 35 seconds and afterwards to shake well! Before continuing the process the components have to be cooled down to room temperature. Similar deposits of component B can also be solved with heat (dryer). SHERAPOLAN 2:1 should be processed only with the attached paper cups and wooden spatula.

4. Insulating

Silicone impressions should not be isolated. Polyether impressions have to be carefully twice or three times using the separation agent (SHERASEPARAT). The insulating layer has to be dried in the open air without using compressed air.

5. Processing

For the mixing process the required quantity of component A is to be put in first. While mixing these two components these may not get into contact with water. After a mixing time of approx. 30 seconds (until heat is produced), pour the mixture as a thin spurt into the adequate, dry impression. This will take at 20°C approx. 1 minute. After pouring the acrylic has to be hardened for 20 minutes in a dry pressure pot at 2 – 4 bars in order to avoid air locks. After approx. 45 – 60 minutes SHERAPOLAN 2:1 is stable in form as well as in dimension and has set very well thus enabling the arch to be sawed, drilled and grinded without any effort. The setting times are dependent on the volume. In case of less quantity, less heat is produced, so that the setting time is prolonged.

6. Mixing ratio

100 (component A) : 50 (component B)

Recommended quantities:

SHERAPOLAN 2:1	total	component A	component B
Arch:	approx. 21 g	approx. 14 g	approx. 7 g
Model:	approx. 60 g	approx. 40 g	approx. 20 g

7. Storage

Keep both components tightly closed at a well ventilated place protected against humidity. Store at room temperature.

8. Warranty

SHERA Werkstoff-Technologie GmbH 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 SHERA has no influence on the processing. Nevertheless possibly arising claims for damages relate to the value of the products only.