

ALGINATE

Description:

Easy to process printing material. Due to the addition of a new natural and biodegradable fibre, this alginate is more tear-resistant than ordinary standard qualities on the market. Alginate is skin-friendly and therefore ideally suited for moulding body parts and for medical applications. Available in 100 g, 1 kg, 6 kg and 25 kg packs.

Application:

Suitable for making face prints and other body parts. When the mould is finished, only water-curing products such as zellane, gypsum and plaster can be poured into it.

Data on delivery:

Color:	white
Viscosity:	not applicable
Mass density:	1,12 gr/cm ³
Shelf life:	12 months in closed packaging
Consistency:	powder

Technische gegevens:

Verbruik	depending on the application
Shore	not applicable

Processing:

Use alginate at room temperature. Measure and weigh the correct amount of water and alginate. Mixing ratio is 50 g powder to 150 ml water. For a brushable mixture, use a ratio of 50 g of powder to 100 - 120 ml of water. Sprinkle the powder into the water, not the other way around! Then stir the powder and water, preferably with a small mixer. Use a low speed, max. 200-300 rpm. Manual mixing is also possible for small quantities. Mechanical mixing gives a better result. Apply alginate to the skin or model with a flowing movement. This avoids air bubbles on the surface. Processing time 4 minutes (at 23°C). Binding time approx. 8-10 min. Application time and binding time are strongly influenced by temperature. Cold water slows down, warm water accelerates. You can adjust the fluidity of alginate by changing the powder/water ratio. More water gives a thinner mass, longer processing time and demoulding time. Less water gives a thicker mass, shorter processing time and demoulding time. If necessary, you can apply several layers on top of each other. Please note: always make small quantities in function of the processing time.

Safety:

To keep the mould a little longer, you can put a damp cloth over it. Cleaning agent for tools and hands: water and soap. No dangerous goods.