



**US
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DEPOT**

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KROMALGIN - Cromatic Alginate For Moulds

Kromalgin is a dust free alginate impression material with a phased chromatic indicator.

The special formulation of Kromalgin eliminates dust during its use and moreover the product permits the correct use of the material without resorting to mixing times etc. thanks to the presence of ingredients that change colour during the working and setting time of the material.

Kromalgin is a natural based powder that when mixed with water rapidly sets up to a soft rubber moulding compound suitable for casting plaster based items.

Aside from dental moulding application this material is safe and suitable for taking mouldings off body parts such as hand and foot impressions. Embodied hairs normally release from the cured rubber. **Note:** This product is not suitable for casting resin based materials.

Directions for one impression:

I. Mix carefully 2 big powder scoops (approx 20g), with 2 little water scoops (approx. 42ml) within 30 seconds. (PURPLE PHASE). The powder must not be packed tightly into the scoop or the scoop tapped to condense it. It must be placed lightly in the scoop and levelled off with a mixing spatula. If a thinner or thicker mix is required, use slightly more or less water. Mix the measured portions in a alginate mixing bowl with water at a temperature of 23^o C. During the mixing phase the material will change from white to purple which allows the mixing time to be visually evaluated. Variations in the water temperature will slightly alter the mixing and setting times: a lower temperature will increase the mixing/setting time whereas a higher temperature will shorten the mixing/setting time. The mixing/setting time shortens slightly with mechanical mixing machines. If such a mixing machine is used it is important to follow the manufacturers instructions about the time of mixing (approx. 9 seconds).

I. When the mixing is complete (PINK PHASE) 1.5 minutes, the material will change from purple to pink and at this time ensure that any air bubbles are eliminated to obtain a smooth and homogeneous result.

I. It is recommended that the model be cast immediately after the impression is removed from the pattern. If this is not possible, wrap the impression in a damp napkin and store in a polythene hermetically sealed bag in order to minimise any possible dimensional change. Although Kromalgin will maintain its characteristics for a longer period, it is recommended that casting should take place within 48 hours after taking the impression.

I. The total minimum setting time is 2.5 minutes counting from the beginning of preparation. These values are valid for distilled or deperated water at 23^o C. Setting time can change when using normal water or at different temperatures.

Storage Conditions: Store Kromalgin in a cool dry place in a hermetically closed container. The batch number is shown on every bag and should be notified to the supplier for identification purposes should there be any problems.