

# KROMALTROPIC®



Kromaltropic is a dust free, gluten free alginate for high precision and elasticity dental impressions, with specific formula for tropical climate and three chromatic phase indicators: red, orange, yellow. Mango aroma.

The product is manufactured in compliance with: ISO 21563 Dental alginate impression material.

The special formulation of Kromaltropic eliminates dust during its use and it also permits the correct use of the material, without the need of precise timing during the working phase, thanks to the presence of ingredients that react to the addition of water by changing the colour.

## APPLICATIONS

Kromaltropic is indicated for all routine dental impressions: reproduction of dentures, orthodontic appliances, study models etc.

For dental use only

## TECHNICAL DATA

Mixing time* - Red phase	60''
Working time*	1'35''
Intraoral time*	60''
Initial setting time*	1'45''
Setting time*	2'35''
Elastic recovery	95 %
Compressive strength (ISO 1563)	0,7MPa
Dimensional stability	Immediately
Reproduction of detail	50 Mic
Colour after setting time	Yellow
Flavor	Mango

\* The times reported begin with the mixing phase of the product at a temperature of 23° C. (73° F.). Higher temperatures will quicken the process, whereas lower temperatures will slow it. Moreover, the above working times are calculated using distilled water but there is no appreciable change if normal tap water is used.

## MEASURING

Sectional Impression: One level scoop (10,5 g) of powder + one scoop (20 ml) of water

Full Impression: Two level scoops (21 g) of powder + two scoops (40 ml) of water

For larger impressions these doses may be increased proportionately, but in the same ratio

Important: 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.

Mixing ( red phase) 60'': Mix vigorously the powder with distilled water at a temperature of 23° C. During the mixing phase the material will assume a strong red colour, which allows to visibly evaluate the mixing time.

Mechanical Mixing: The mixing / setting time shortens slightly with mechanical mixing machines. If such a mixing machine is used it is important to follow the instructions about the mixing time (approx. 9 sec.).

Loading of the tray (orange phase) 35'' : When the mixture becomes orange, load the tray by vibrating successively (even in a manual way) in order to ensure that any air bubbles are eliminated and that a smooth and homogenous consistency is obtained.

Impression taking (yellow phase) 60'': Instruct the patient to rinse the mouth with warm water. Once the mixture becomes yellow, position the tray into the oral cavity and practice a light and even pressure on the impression during the setting of the material which will happen after one minute.

The setting of the product and the achievement of a neutral PH level, happen after 1 minute. For that reason, we suggest to respect the indicated timing in order to obtain a perfect impression and avoid model distortion.

Lightly remove the impression from the mouth and rinse with running water at a medium temperature of 20°C in order to eliminate saliva and other debris.

#### CASTING

We suggest the immediate casting of the model. However, if that's not possible, it's important to keep the impression into a sealed plastic bag, in order to avoid dimensional variations.

Although, in such conditions, Kromaltropic will maintain its characteristics for a longer period of time, it is recommended to cast the model within 48 hours after taking the impression.

#### STORAGE

The product needs to be stored in a hermetically closed container, in a cool and dry place.

The expiration date printed on the packaging refers to the product closed by the production.

The batch number and the expiration date are specified on every bag of the product. In case of any problems, it should be notified to the supplier for identification purposes.

IMPORTANT: Do not use the product after the printed expiration date.

#### PACKAGING

Product Code/ Description                      002030 - Carton box containing 24 aluminium bags of 453 g

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