# CROMATIC / KROMALGIN PIU
## DUST FREE Chromatic alginate

**CROMATIC/KROMALGIN PIU** is a dust free alginate impression material with a phased chromatic indicator.
The product conforms with ISO 1563 (1990), ADA 18 and is for dental use only.
The special formulation of **Cromatic/Kromalgin Piu** 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.
**Cromatic/Kromalgin Piu** is indicated for all routine dental impressions, reproduction of dentures, orthodontics appliances, study models etc.

**INSTRUCTION FOR USE**

Shake and pummel the bag at least twice before opening to allow the fine powders, which tend to settle awing transport and storage to be dispersed evenly throughout the material. This will ensure perfect results from the product.

**MEASURING**

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| Sectional Impression. | One level scoop (10 g) of powder + one scoop (21 ml) of water. |
| Full Impression. | Two level scoops (20 g) of powder + two scoops (42ml) 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 (PURPLE PHASE) 45"**

Mix the measured portions in an 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. Please note: 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 above working times are calculated using distilled water but there is no appreciable change if normal tap water is used.
**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 manufacturer's instructions about the time of mixing (approx. 9 sec)

**LOADING OF TRAY (PINK PHASE) 1' 30"**

When the mixing is complete the material will change from purple to pink and at this time the tray should be loaded carefully ensuring that any air bubbles are eliminated to obtain a smooth and homogeneous result.

**IMPRESSION TAKING (WHITE PHASE) 1' 00"**

Instruct the patent to rinse the mouth with warm water. When the mix becomes white insert the tray into the oral cavity and adjust it so that it is in the correct position paying attention to the muscle trimming of the edges of the impression. It is important to maintain a slight but even pressure on the impression during the setting of the material, which will happen after one minute.
Attention: as the impression material nearest the mucous membrane of the oral cavity will set slightly, before the impression material nearest the impression tray, it is important to maintain a gentle but even pressure on the impression tray during the complete setting time of the material, otherwise stresses and strains will be set up in the material which will be released when the impression is removed from the mouth resulting in distortion and an inaccurate model on casting.
Remove the impression from the mouth and rinse all saliva and other debris from it with running cold water. If any saliva or debris is left on the impression, a perfect result may not be achieved.

**CASTING:**

It is recommended that the model be cast immediately after the impression is removed from the mouth. 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 Cromatic/Kromalgin Piu will maintain its characteristics for a longer period, it is recommended that casting should take place within 48 hours after taking the impression.

**Recommended material for casting are:**

Dental Hidrocal - Kerf
Suprastone – Kerr

**STORAGE:**

Store Cromatic 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.
***DO NOT USE THE PRODUCT BEYOND THE PRINTED EXPIRY DATE.***