

PROTESIL CHROMATIC



Protesil Chromatic is a dust free alginate for dental impressions with a phased chromatic indicator.

The product is manufactured in compliance with: ISO 1563 - ADA 18.

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

APPLICATIONS Protesil Chromatic can be used for all routine of impressions, namely, in those used to create dentures, removable dental prostheses, orthodontic appliances, temporary dental structures, studio models, etc.

For dental use only

TECHNICAL DATA

Mixing time* - purple phase	45''
Working time*	1'30''
Intraoral setting time*	1'
Setting time*	2'30''
Elastic recovery	99 %
Compressive strength (ISO 1563)	1,4 MPa
Permanent set (ISO 1563)	11,5%
Colour	Natural white
Taste	Mixed fruit

* 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.

INSTRUCTIONS FOR USE

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

Measuring

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 (42 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 (Purple Phase) 45” Mix the measured portions in an alginate mixing bowl with water at a temperature of 23° C. During the mixing phase the material will change from white to purple which allows the mixing time to be visually evaluated.

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”)

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 patient 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 Protesil Chromatic maintains its characteristics for a longer period, it is recommended that casting should take place within 48 hours after taking the impression. Protesil Chromatic is compatible with all quality dental plasters.

STORAGE

The impression are to be stored at room temperature. Protesil Chromatic is guaranteed for a period of 36 months from production date if stored correctly. Keep it hermetically closed, and store in a cool, dry place at a temperature between 4°C e 28°C (39°F - 82°F). Keep away from heat sources, sparks or flames. The expiration date printed on the packaging refers to the unopened product still sealed by the production.

The serial number and expiration date are printed on each individual product container. When contacting the distributor, it is important to have this information on hand in order to properly and promptly identify a given product batch.

IMPORTANT: Do not use after the expiration date.

PACKAGING

Product Code/ Description 005011 - Carton with 12 bags of 500 g

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