



# Chromaclone®

## 5-day stability

### INSTRUCTIONS FOR USE

Chromaclone 5-day and Chromaclone Ortho 5-day are dust-free alginates whose impressions are dimensionally stable for 5 days if stored properly in an airtight bag.

#### INDICATIONS FOR USE

**Chromaclone 5-day:** New-generation, color-changing alginate with a creamy consistency for dental impressions. Color variations signal the different phases: hot pink during mixing, light pink during the working phase and loading the tray, then white during the time in mouth while setting. Five-day dimensional stability and Fast set time are recommended for general clinical practice. The color change and pleasant Bubble Gum flavor make it especially suitable for use in pedodontics.

**Chromaclone Ortho 5-day:** High consistency and creaminess allow for extremely smooth impressions. Five-day dimensional stability and Extra Fast set time are ideal for orthodontic practice and general clinical practice. Flavor: Bubble Gum.

#### DOSING AND MIXING

Open the bag and pour the alginate into an airtight container. Keep the lot number and expiration date of the product by cutting the relevant details off the bag. To ensure a proper powder-to-water ratio, shake the bag 2 or 3 times to disperse the powder before mixing. Using the dosing spoon, remove the powder without compressing it, then remove any excess alginate by passing a flat spatula over the top of the spoon. Pour the powder into a rubber mixing bowl and repeat until the required quantity is reached. Add 40ml of water for every spoonful of powder. Close the container and store it at 5–27°C/41–80°F. Add the water to the powder and mix for the times specified in the table below.

NOTE: If the alginate is undermixed, the chemical reaction will not proceed uniformly throughout the material. This can decrease the strength of the gel. On the other hand, overmixing also decreases the gel's strength, as too much spatulation will break up the gel as it forms.

TIMES FOR CLINICAL USE*	Chromaclone 5-day	Chromaclone Ortho 5-day
Mixing Time	30 seconds	30 seconds
Working Time	37 seconds	35 seconds
Setting Time in Mouth	53 seconds	45 seconds
Total Working Time	2 minutes	1 min 50 seconds

*\*Times for clinical use are indexed to the start of mixing with deionized water at 23°C/73°F. Colder water slows setting, warmer water speeds up setting. Variations in water hardness may result in deviations in times. Distilled water is ideal for alginate because it eliminates contamination of the mix with calcium, fluoride, and other materials found in tap water. According to ADA 18-ISO 1563 specifications.*

## **MAKING THE IMPRESSION**

Place alginate in the tray in small amounts, firmly pressing the material into the rim-locks of the tray. Dip a finger in cold water and smooth the surface. Deliver the filled tray immediately into the patient's mouth, gently jiggling it into place until it is completely seated. Maintain only enough pressure to hold the tray in place, making sure to avoid moving the tray until after gelation is complete. Wait for the material to harden until the end of the recommended time in mouth.

NOTE: If the tray is moved during gelation, strains will be incorporated in the alginate. Upon removal of the impression from the mouth, these strains will be released, cause distortion of the impression, and make the cast inaccurate.

Remove the impression with a firm, quick motion. Do not rock or twist the impression before removing it. An alginate impression is easily deformed if it is removed slowly but will not permanently distort if removed quickly. As soon as the impression is removed from the mouth, inspect it carefully for defects.

## **CLEANING AND DISINFECTING THE IMPRESSION**

After removing the impression, carefully rinse it to remove any traces of saliva. Drain off the excess water and disinfect immediately. When using other disinfectants, always follow the manufacturer's instructions.

## **POURING THE IMPRESSION**

We recommend pouring impressions using dental stones Type 3 or Type 4.

## **STORING THE IMPRESSION**

If the model cannot be immediately poured, drain off the excess water, wrap the impression with a damp paper towel, and store the impression in a sealed bag at room temperature (23°C/73°F). Under these conditions the gypsum pouring can be deferred for up to 5 days after making the impression.

## **IMPORTANT REMARKS**

Consulting services on the use of our products, provided in any form, be that verbal, written or through demonstrations, are based upon the current state of dentistry and of our know-how. They are to be considered as nonbinding information, also in relation to possible third-party claims, and do not exonerate the user from personally checking whether the product is suitable for the planned use. Use and application by the user take place under no possible control by the Company, and are therefore under the user's responsibility. Possible liability for damages is limited to the value of goods supplied by the Company and utilized by the user. The product contains diatomaceous earth treated with a wetting agent to reduce the formation of breathing dust.

## **FOR DENTAL USE ONLY**