

Dust-free alginates whose impressions are dimensionally stable for 5 days if stored properly in an airtight bag.

INDICATIONS FOR USE

Hydrogum 5: high consistency and creaminess which allow for extremely smooth impressions. Suitable in general clinical practice. Flavour: Mangosteen fruit

Hydrocolor 5: new generation, creamy consistency colour alginate. Colour variations accompany each different preparation phase: fuchsia during mixing, violet during the work phase and positioning on the tray, blue during the time in mouth while setting. Suitable in general clinical practice. The colour change associated with a pleasant flavour make it especially suitable for use in pedodontics. Flavour: wild berries.

DOSING AND MIXING

Open the bag (fig. 1) and pour the alginate into an airtight container (fig. 2).

Keep the lot number and expiry date of the product by cutting the relevant details off the bag. Shake 2 or 3 times to disperse the powder (fig. 3) then proceed with the mixing. Using the dosing spoon, remove the powder without compressing it, levelling off or removing any excess alginate by passing a flat spatula over the top of the spoon (fig. 4).

Pour the powder into a rubber cup. Repeat the operation until the required quantity is reached.

Add 1/3 of a measure of water (15 ml) for every spoonful of powder (7 g). E.g. for 2 measures of powder (14 g), or one impression tray, add 2/3 of a measure of water (30 ml) (fig. 5).

Close the container and store it at 5-27°C/41-80°F (fig. 12).

Add the water to the powder and mix for the times specified in the table (fig. 6).

Spread the material over the impression tray (fig. 7) and insert into the mouth before the end of the working time (fig. 8).

Wait for the material to harden until the end of the recommended time in mouth. In the case of coloured alginates, working time is easily recognised by the colour changes described previously.

For the best possible (homogeneous and bubble-free) mixing results, we recommend the use of ALGHAMIX II (fig.9).

TIMES FOR CLINICAL USE*

Refer to table 1 for times for clinical use (**Table 1**)

Line I: Mixing time (Mixing Time)

Line II: Working time (Working Time)

Line III: Time in mouth (Time in Mouth)

Line IV: Setting time (Setting Time)

Line V: Total working time ISO 1563 (Total working time ISO 1563)

*Times for clinical use (see **table 1**, Material Characteristics) are indexed to the start of mixing with deionised water at 23°C/73°F. Colder water retards setting, warmer water speeds up setting. Variations in water hardness may result in deviations in times. According to ADA 18-ISO 1563 specifications.

CLEANING AND DISINFECTION OF THE IMPRESSION

After taking the impression, carefully rinse it in order to remove any traces of saliva (fig. 10), drain off the excess water and disinfect immediately. Ideal disinfection is achieved by immersing the impression in **Zeta 7 solution** or spraying it with **Zeta 7 spray** (Zhermack) (fig. 11). When using other disinfectants, always follow the manufacturer's instructions.

POURING THE IMPRESSION – RECOMMENDED DENTAL STONES

We recommend that you pour the impression immediately using dental stones type 3 (Elite Model/ Model Fast - Zhermack) or type 4 (Elite Rock - Zhermack) (fig. 13).

STORING THE IMPRESSION

If the model cannot be immediately pour, drain off the excess water and store the impression in a hermetically sealed bag (Zhermack Long Life Bag) at room temperature (23°C/73°F). Under these conditions the gypsum pouring can be deferred for up to 5 days after the taking of the impression (fig. 14).

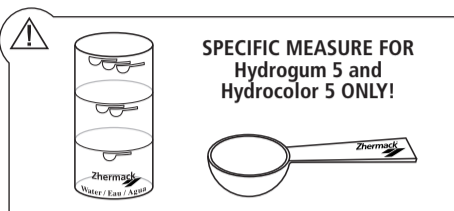
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alginate

HIGH STABILITY ALGinate
IMPRESSION MATERIAL

hydrogum[®]5

hydrocolor^{COOL}5



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Zhermack[®]
CLINICAL

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Table 1. Technical data

	TIMES FOR CLINICAL USE*	hydrogum [®] 5	Hydrocolor 5
1	Mixing Time	<30''	30''
2	Working Time	1'05''	1'10''
3	Time in mouth (minimum)	0'45''	1'00''
4	Setting Time	1'50''	2'10''
5	Total working time (ISO 1563)	1'40''	2'00''

