

Verarbeitungsanleitung für / Instructions of use / Istruzioni per l'uso
Mode d'emploi / Instrucciones de uso

für / for / per / pour

Triplegel® - Artikel 94406

Dubliergel, grün
Gel for duplication, green
Gel pour duplication, vert
Gelatina per duplicazione , verde
Gelatina para duplicación , verde



Karl Berg GmbH
Industriestraße 3b
D-78234 Engen / Germany
www.berg-dental.com

Operating Instruction

1. General terms:

- 1.1. Product description:** Triplegel is an Agar Agar duplicating material for use with gypsum models, gypsum and phosphate bound investments and autopolymerised (cold) acrylic of the Gebdi company.
- 1.2. Delivery form:** Triplegel in a bucket of 6 kg green Art. Nr. 94406
- 1.3. Manufacturer:** Karl Berg GmbH - Industriestraße 3 b - D-78234 Engen / Germany
Tel.: 07733-941050 Fax: 07733-6434
- 1.4. Storage:** Store at room temperature at least +10° C up to + 30° C
Protect from UV radiation and sunlight. Cover well closed after usage, product might get dried !

2. Use according to determinations :

Triplegel is used for the production of duplicate models made of gypsum/phosphate bound investment/acrylics. Triplegel mold surfaces do not need to be treated with any additional special solution. Triplegel is very fluid, volume stable and the contours of the duplicate models are very well defined, in addition to a very smooth surfaces. Triplegel is suitable for producing refractory models for framework castings. Triplegel is an elastic reversible hydrocolloid, due to the natural ingredients and preservatives it is well protected against fungal attack. When handle with care and correctly Triplegel guarantee a long life. Ensure that unqualified persons (e.g. children) do not come into contact with this product

3. Operating instruction:

3.1. Preparation

Cut the Triplegel into small pieces and put it into the duplicating unit. Set the melt temperature on automatic duplicator to 93,5°C and the pouring temperature to 49°C. Triplegel can be also melted in a microwave or a hot water by setting the necessary temperature.

3.2. Duplicating

Soak model prior to duplication, clean it and place the duplicated gypsum model for 30 minutes in warm water 40 – 45°C. After soaking remove excess water and secure the model to metal duplicating flask base and put top into place. Duplicating material should be stirred continually during melting and cooling. Carefully pour duplicating material into one side only of the metal flask, and allow flask to bench cool for 30 minutes. If a plastic duplicating flask has been used, the setting time must be extended for up to 15 minutes of regular time. After approx. 1 hour, Bergvest Art. Nr. 94025 is than mixed according to the manufacturer suggested ratio and poured at room temperature into the clean, dry mold. After the required setting time, the duplicating material is removed from the flask and carefully peeled away from the model.

3.2. Re-use

Triplegel can ne melted repeatedly. Clean the used Triplegel material under running water immediately after the models have been removed, cut it into small pieces and put into the duplicating unit without water.

Note: Correct use and storage of the Triplegel will prolong its durability. Triplegel which has been used for phosphate casting investments must not be used for gypsum or gypsum bound investment materials !!

3.3 Problems and solutions

When the setting time of the duplicating material is too long or too short, models must be steam-cleaned from alginate and remainders saliva before duplicating. Do not duplicate models which are too moist otherwise the model surfaces will be soft and scaly. In case of a viscous duplicating material, add 10-25ml of water per 1

Kg.

4. Waste disposal:

The Triplegel may be disposed together with normal domestic refuse.
The empty packaging should be disposed after use according to local regulations.

5. Shelf life:

24 months in the unopened original packaging stored at room temperature.

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