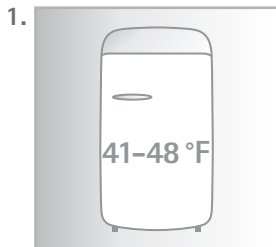


Powder/liquid System for the production of functional therapeutic bite splints with thermomemory effect

pro3dure medical GmbH

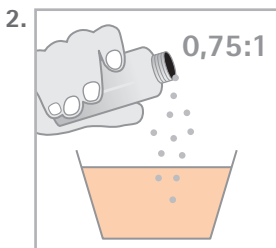
Am Burgberg 13
D - 58642 Iserlohn
Tel. +49 (0)2374 920050-0
Fax +49 (0)2374 920050-50
info@pro3dure.com
www.pro3dure.com

Instructions



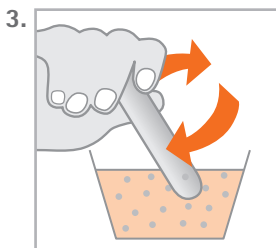
1. Product description

pro3dure's 2 component THERMEO® powder/liquid system is polymerized by heat and pressure (> 2 bar). Splints made out of pro3dure's 2 THERMEO® are extremely breakresistent. The thermoplastic flexibility provides greater, comfortable and tension-free wearing comfort.



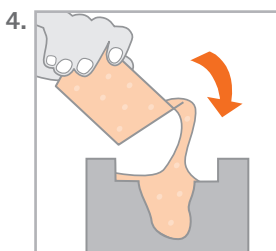
2. Processing

- Please store THERMEO® liquid in a refrigerator at 41-48 °F (fig. 1).
- Prior to mixing both components must be refrigerated in order to ensure a long working time.
- Put the required amount of THERMEO® powder into the refrigerator minimum 15 min. before usage.
- Mixing ratio 0,75 part liquid to 1 part powder (m %) (fig. 2). Important: respect mixing ratio thoroughly.
- Mixing ratio can also be adjusted volumetrically.
- Mix it thoroughly for a approx. 5-10 sec. as quickly as possible and bubble-free (use separate mixing cup and spatula) (fig. 3).
- Pour cold mixture immediately into the negative form (fig. 4). If necessary please use appropriate separator.
- Immerse in a pressure pot as soon as possible at > 2 bar and 122 °F for 45 min (fig. 5).
- After polymerization the splint can be finished as usual.



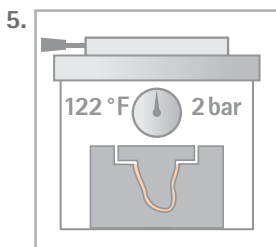
3. Important

- To avoid detrimental effects on material quality do not expose the liquid component to irradiation or heat under any circumstances.
- Deviations from the described manufacturing process may lead to different mechanical and optical properties of the THERMEO® material.
- Ensure personal protective gear during processing.
- **Caution:** Polymerised resins are chemically resistant. Avoid stains on clothing!
- Avoid any contact with skin and eyes. In case of accidental contact, rinse with adequate running water, consulting a doctor if necessary.
- The lot number and the best before date are indicated on each THERMEO® packaging. In case of claims please always indicate the lot number of the product. Do not use the product after expiry of the best before date.



Safety advice

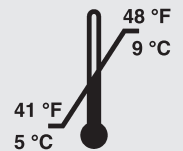
pro3dure medical GmbH is not liable for any damages caused by improper application of the material. THERMEO® is to be used by trained specialist personnel for the purpose indicated only.



2 component powder/liquid system for the production of functional therapeutic bite splints with thermomemory effect

Technical data:

- Colour: clear-transparent
- Density: ca. 1.1 g/ml
- Viscosity: ca. 0,6 Pa s
- Polymerization: 122 °F > 2 bar 45 min.
- Storage:



Ordering information:

THERMEO® Starterkit
item no.: D1010118

THERMEO® Polymer-Refill

180 g bottle, item no.: D1010119
340 g bottle, item no.: D1010120
800 g bottle, item no.: D1010121

THERMEO® Monomer-Refill

130 ml bottle, item no.: D1010122
255 ml bottle, item no.: D1010123
600 ml bottle, item no.: D1010124

These data result from measurements of a representative sample, which were determined within the scope of our quality assurance.