

Doric Extra Heavy - Fast

Instructions for Use

INTRODUCTION

Doric Extra Heavy - Fast, is an addition cured polysiloxane impression material. It is fast setting, very rigid and is available in 50ml cartridges.

INDICATIONS

Border moulding, edentulous and implant impressions, customising impression trays and creating stops.

CONTRA-INDICATIONS

Any situations where a very rigid impression material is contra-indicated including undercut areas, dentate impressions and as a denture re-lining material. Only use on intact mucosa. There is insufficient scientific evidence to support the use of this product on exposed bone.

POTENTIAL INTERACTIONS

- Avoid contact with liquids containing organic solvents since these may cause inaccuracies through swelling of the impression.
- Avoid contact of impression material with latex gloves. Always use a synthetic glove.
- Do not use together with condensation cured silicones or polyether impression materials.
- Residues of methacrylates can change the setting properties of silicone impression materials. If a restoration has been made previously or if an acrylic tray is being used then clean the preparation, tray or surrounding tissues carefully with gauze soaked in alcohol and then spray with water before taking the impression.

GENERAL

1. Apply one thin even coat of Doric Adhesive to the impression tray where necessary.
2. To avoid air bubbles, always keep the mixing tip immersed in the material.
3. Seat the impression using firm initial pressure for the first 5 seconds, then hold under light pressure until the material is fully set.

4. The minimum time until the impression can be poured is 30 minutes. There is no maximum time.
5. All impressions can be copper or silver plated.

CARE

- When using a cartridge for the first time discard the first 3cm of material.
- Before attaching a mixing tip to the cartridge ensure that apertures are clear and unblocked and if necessary scrape set material away. Leave used tip on cartridge until next time of use and likewise check apertures as above.
- Inspect initial material extruded into mixing tip to check both colours of pastes can be seen.
- At all times keep cartridge well away from clothing. (In case of accidental spillage onto clothing, let material fully set before gently peeling it away.)

BORDER MOULDING TECHNIQUES

1. Choose the correct size impression tray and adjust where necessary. Allow at least 2-3mm space for the impression material.
2. Apply a thin layer of Doric Adhesive to the tray and its borders. Follow the instructions for this material.
3. To enable accurate re-seating of the tray, create well defined stops using the impression material. On maxillary trays, the stops should be distal at the tray ends, anteriorly in the region of the incisive papillae and in the palatal vault. On mandibular trays, the stops should be at the distal at the tray ends and anteriorly. In all cases, allow the material to set hard and check the seating of the tray.
4. Position the tray in the mouth as indicated by the stops within a maximum 1 minute 15 seconds.
5. Have the patient go through the series of functional movements.
NOTE: Since the material sets faster in the mouth than on the bench it is advised to insert the tray as quickly as possible in order to allow sufficient time for carrying out functional movements before setting commences.
6. Remove the tray not less than 1 minute 30 seconds after insertion.

7. Check and mark up any areas where the tray borders are exposed. Cut away excess material with a scalpel or silicone bur. Trim down exposed areas with the bur and re-apply the Doric Adhesive.
8. Apply suitable correction material to the tray or impression (Other Doric Impression Materials may also be used).
9. Re-insert the tray and repeat the series of functional movements. Only remove the tray when the impression material is fully set.

DISINFECTION AND GYPSUM PRODUCTS

Doric Extra Heavy can be disinfected with standard solutions recommended for disinfecting vinyl polysiloxanes such as quaternary ammonium compounds. Rinse the impression before and after disinfecting and follow the instructions of the solution manufacturer to ensure that the disinfection procedure will not alter the potential of the impression for optimum performance.

Note: Before casting, always rinse stored impressions briefly under cold running water.

Two named suitable gypsum products are Hydrock (Type 3) and Schottlander System Stone (Type 4).

STORAGE

Store in a cool dry place at a temperature below 23°C. Do not refrigerate. The longest shelf life is obtained when the material has been stored between 15-20°C.

HEALTH AND SAFETY

Keep away from eyes and clothing.
After use wash thoroughly with soap and water.

For further information request Safety Data Sheet.

COMPOSITION

Vinyl polysiloxanes, silicon dioxide, pigments, additives, platinum catalysts.

TECHNICAL DATA

Working time* [min]	≤ 1.15
Time in the mouth [min]	≥ 1.30
Dimensional change after 24h [%]	≤ 0.40
Compression set [%]	≤ 0.90
Strain in compression [%]	= 1.3

* The times apply at a room temperature of 72°F (23°C) and a normal relative air humidity of 50%. Higher temperature shorten, lower temperatures increase these times. The working time describes the period from the start of mixing until the time by which the tray must be positioned in the patient's mouth.

CLASSIFICATION

ISO 4823:2000, Type 1: Heavy-bodied consistency.

LOT NUMBERS

The lot number and expiry date are shown on all containers.

This product is specifically formulated for use in dentistry.

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