



Doric Addition Cured Silicone Instructions for Use

Introduction

Doric Addition Cured Silicones are manufactured to conform to EN ISO 4823:2021.

These directions are for the Doric range of polysiloxane impression materials in Regular and Soft Snap Set Putty in tubs and Flo-Light, Light, Heavy and Mono in cartridges and Light and Mono in tubes.

Doric Easy Heavy and Doric Easy First are available in 5:1 cartridges for dynamic and automatic mixers and have separate directions for use.

Indications

Crown and bridge impressions, edentulous and partially dentate impressions and for denture relines.

Contra-Indications

Not for use with standard condensation cured silicone impression materials.

General

1. Apply one thin even coat of Doric adhesive to the impression tray where necessary.
2. Seat the impression using firm initial pressure for the first 5 seconds, then hold under light pressure until the material is fully set.
3. The minimum time until the impression can be poured is 30 minutes. There is no maximum time.
4. All impressions can be copper or silver plated.

Doric Snap Set Putty

1. Select either Doric Regular or Soft putty. Dispense equal parts base and catalyst using the coloured scoop for the base and the white for the catalyst. Mix quickly to a homogeneous colour. Do not interchange scoops or lids.
2. Some latex gloves interfere with the set of addition cured silicones. Residues from the gloves may remain on the hands even after thorough washing. Schottlander Low Allergy Gloves have reduced reaction with Doric putties. Please ask our customer service department for specific advice.

Doric Light & Mono in tubes

Dispense equal lengths base and catalyst onto pad. Mix with spatula to a homogeneous colour. **Do not interchange screw caps.**

Doric Flo-Light, Mono & Heavy in cartridges

Before attaching mixing tip to cartridge **ensure that apertures are clear and unblocked and if necessary scrape set material away.** Leave used tips on cartridge until next time of use and likewise check apertures as above.

Cautions

- 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 tips on cartridge until next time of use and likewise check apertures as above.

- Inspect initial material extruded into mixing tip to check both white and coloured 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.)

Disinfection & Gypsum Products

The Doric range 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).

Techniques

1. Putty and Light. Select either Doric Flo-Light or Doric Light. The recommended technique is to syringe the Doric light around the gingival margins whilst the mixed Doric putty is loaded into the impression tray so that both materials set together. This method saves time and avoids the risk of steps on the final impression. An alternative method is to use the Doric Flo-Light or Light as a secondary impression in the set Doric Putty impression, **but only when using regular Doric Putty.**
2. Putty and Mono. Where both materials set together the Doric Mono may be used instead of the Light in order to give greater control of viscosity. Do not use where an initial putty impression has already set.
3. Heavy and Light. Select either Doric Flo-Light or Doric Light. Load the Doric Heavy into a close fitting special tray and syringe the Doric Light around the gingival margins so that both materials set together.
4. Mono. For crown and bridge impressions taken in a close fitting special tray. Syringe the Doric Mono around the gingival margins as the balance of the mix is loaded into the impression tray so that both syringed and tray material set at the one time.
5. Edentulous and partially dentate impressions. Use Doric Heavy.
6. Denture relines. Use either Doric Flo-Light, Doric Light or Doric Mono depending on personal preference.

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 & Safety

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

Hazard statements:

H319: Causes serious eye irritation.



WARNING

Precautionary statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

For further information download a Safety Data Sheet from www.schottlander.com

LOT Numbers

The Lot number and expiry dates are shown on all containers. See overleaf for storage instructions.

This product is specifically formulated for use in dentistry.

Doric is an internationally registered trade mark of Davis Schottlander & Davis Limited.

Properties	Doric Regular Snap Set Putty	Doric Soft Snap Set Putty	Doric Light in tubes	Doric Light in cartridges	Doric Flo-Light in cartridges	Doric Mono in tubes	Doric Mono in cartridges	Doric Heavy in cartridges
Indications	Primary impression material for the double impression technique.		Wash impression for use with Doric Regular and Soft Snap Set Putty and Doric Easy Heavy.			Heavier wash material for use with Doric Regular Putty (see techniques overleaf). Product is both syringable and for tray use for crown & bridge edentulous and partially dentate impressions and for denture relines.		Heavier material for both tray and syringe. Can be used together with Doric Light but not recommended for use with Doric Putties.
Classification EN ISO 4823	Type 0: very high consistency - putty		Type 3: low consistency - light bodied			Type 2: medium consistency - medium bodied		Type 1: high consistency - heavy bodied
Colour code Base: Catalyst:	Green White	Mauve White	Orange White		Green White	Purple White		
Mixing Accessories	Measuring Spoons		Mixing pad & spatula	12 each mixing and intraoral tips		Mixing pad & spatula	9 each mixing & intraoral tips	9 mixing tips
Dosage Base:Catalyst	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
Mixing time	45 secs	45 secs	30 secs	-	-	30 secs	-	-
Total working time*	1 min 30 secs	1 min 30 secs	2 mins 30 secs	1 min 30 secs	1 min 25 secs	2 mins 30 secs	1 min 30 secs	1 min 45 secs
Minimum time in mouth	3 mins 30 secs	3 mins 30 secs	4 mins 30 secs	3 mins 30 secs	3 mins 30 secs	4 mins 30 secs	3 mins 30 secs	3 mins 30 secs
Setting time*	3 mins	3 mins	4 mins 15 secs	2 mins 45 secs	3 mins	4 mins 15 secs	2 mins 45 secs	3 mins
Maximum strain in compression	2.5%	2.5%	5.0%	5.0%	4.0%	5.0%	5.0%	2.6%
Recovery from deformation	99.1%	99.1%	99.6%	99.6%	99.6%	99.4%	99.3%	99.3%
Linear dimensional change	0.4%	0.4%	0.4%	0.4%	0.35%	0.4%	0.4%	0.4%

* From start of mixing at 23°C.

Times quoted refer to normal room temperature 23°C and normal relative humidity of air (50%).

Higher temperatures shorten and lower temperatures prolong these times.



Schottlander (IRL) Ltd.
 Suite 11, Parklands Office Park, Southern Cross Road, Bray, Co Wicklow, Eire.

