

# Doric Addition Cured Silicones

## Instructions for Use



# schottlander

### Introduction

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

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

### Indications for Use

Adults or children requiring an impression to be taken of their teeth and/or gums as part of the process for manufacturing a prosthesis for aesthetic and/or functional reasons.

### Contra-Indications

Not for use with standard condensation cured silicone impression materials.

When using putties or heavy material and mobile teeth or extreme undercuts are present block these out before taking the impression.

### 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 PUTTY - ALL TYPES

1. 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. Do not use natural rubber latex gloves. Some nitrile gloves contain residues that may interfere with the set of addition cured silicones which may remain on the hands even after washing. Schottlander nitrile gloves are extensively washed in production. Please ask our customer service department for specific advice.

### DORIC HIGH DEFINITION WASH, FLO-LIGHT, LIGHT, MONO & HEAVY IN CARTRIDGES

1. 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.
2. When using a cartridge for the first time discard the first 3cm of material.
3. Inspect initial material extruded into mixing tip to check both white and coloured pastes can be seen.
4. 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 Moldano, Kulzer GmbH (Type 3) and Schottlander System Stone (Type 4).

### TECHNIQUES

1. **Putty and Light.** The recommended technique is to syringe the selected 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 selected Doric Light or Wash as a secondary impression in the set Doric Putty impression.
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.** Load the Doric Heavy into a close fitting special tray and syringe the Doric Light around the gingival margins so that both selected 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 or Doric Extra 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.

### Composition

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

### LOT Numbers

The Lot number and expiry dates are shown on all containers.

This product is specifically formulated for use in dentistry.


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



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Properties	Doric Definition Super Soft Putty	Doric Quicktime Soft Putty	Doric Regular Snap Set Putty	Doric Soft Snap Set Putty	Doric Definition High Definition in cartridges	Doric Quicktime Flo-Light in cartridges	Doric Light in cartridges	Doric Flo-Light in cartridges	Doric Mono in cartridges	Doric Heavy in cartridges
Intended Use	For taking primary impressions for the single and double impression technique	For taking primary impressions for the double impression technique	For taking primary impressions for the double impression technique	For taking primary impressions for the double impression technique	For taking wash impressions for use with Doric Definition Super Soft Putty	For taking wash impressions for use with Doric Quicktime Soft Putty	For taking wash impressions for use with Doric Regular and Soft Snap Set Putty and Doric Easy Heavy		For taking heavier wash impressions for use with Doric Regular Putty. Product is both syringable and for tray use for crown & bridge edentulous and partially dentate impressions and for denture relines.	For taking heavier wash impressions 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: Putty consistency	Type 0: Very high consistency - putty			Type 3: Light bodied consistency	Type 3: Low consistency - light bodied	Type 3: Low consistency - light bodied		Type 2: medium consistency - medium bodied	Type 1: high consistency - heavy bodied
Colour code Base: Catalyst:	Aquamarine White	Mauve White	Green White	Mauve White	Yellow White	Green White	Orange White	Green White	Purple White	Purple White
Mixing Accessories	measuring spoons	measuring spoons	measuring spoons	measuring spoons	12 each mixing & intraoral tips	12 each mixing & intraoral tips	12 each mixing & intraoral tips		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	1:1	1:1
Mixing time(s)	30 secs	45 secs	45 secs	30 secs	-	-	-	-	-	-
Working time**	>= 105 secs	>= 105 secs	>= 90 secs	>= 90 secs	>= 90 secs	>= 75 secs	>= 90 secs	>= 75 secs	>= 90 secs	>= 90 secs
Recommended time in mouth	>= 175 secs	>= 105 secs	>= 150 secs	>= 150 secs	>= 135 secs	>= 100 secs	>= 135 secs	>= 120 secs	>= 135 secs	>= 150 secs
Dimensional change (linear, after 24h)	<= 0.4%	<= 0.4%	<= 0.5%	<= 0.4%	<= 0.4%	<= 0.4%	<= 0.4%	<= 0.4%	<= 0.4%	<= 0.4%
Compression set	<= 0.6%	<= 0.6%	<= 0.7%	<= 0.6%	<= 0.35%	<= 0.4%	<= 0.4%	<= 0.4%	<= 0.8%	<= 0.8%
Strain in compression	1.6 - 2.8	1.7 - 2.7	1.4 - 2.1	2.0 - 2.9	3.7 - 5.5	2.6 - 4.0	2.6 - 4.0	2.6 - 4.0	2.9 - 4.1	1.4 - 2.4
Product Codes 	<b>0051-1 †</b> <b>0051E ††</b>	<b>0433 †</b> <b>0434 ††</b> <b>0435 †††</b>	<b>0815 †</b> <b>0816 ††</b> <b>0212 †††</b>	<b>0065 †</b> <b>0066 ††</b> <b>0012 †††</b>	<b>0091-1 †</b> <b>0091E ††</b>	<b>0471 †</b> <b>0472 ††</b> <b>0473 †††</b>	<b>0061 †</b> <b>0062 ††</b> <b>0612 †††</b>	<b>0613 †</b> <b>0614 ††</b> <b>0615 †††</b>	<b>0659 †</b> <b>0660 ††</b> <b>0686 †††</b>	<b>0753 †</b> <b>0754 ††</b> <b>0756 †††</b>

\* Proportions for hand-spatulated mixes (mass to mass & volume to volume).

\*\* From start of mixing at 23°C. Times quoted refer to normal room temperature 23°C & normal relative humidity of air (50%). Higher temperatures shorten & lower temperatures prolong these times. Times and physical properties may be affected by hand/finger tip temperatures and variations in speed and friction when kneading putty mixes, moisture contamination or contamination due to direct contact with impurities from gloves used in clinical practice or the presence of such contaminants on teeth at the time of the impression.

† Single Pack, †† Economy Pack, ††† Saver Pack.