



IMPRESCAN

INSTRUCTIONS

GENERAL DESCRIPTION

ImpreScan and ImpreScan Monophase are materials for rapid or regular impression taking. These products are used for crowns, bridges, inlays, removable full and partial dentures and denture repairs.

This material, based on a polyvinylsiloxane (PVS) formulation, is addition polymerized. The material is supplied in a self-mixing cartridge for extrusion onto the impression tray or directly onto the teeth. Possessing strong hydrophilic properties, it enhances wettability and generates accurate reproduction of subgingival areas and other moist surfaces. This material is thixotropic: it remains in position on the impression tray but flows under pressure. ImpreScan is scannable.

USE

Specifications

ImpreScan				
Viscosity	High	Medium	Light	Monophase
Mixing ratio	1 :1	1 :1	1 :1	1 :1
Setting	Fast or Regular as desired			
Scannable	Yes			
Strain in compression (%)	3-5			
Elastic recovery (%)	99.5	99.7	99.9	99.5
Dimensional change	0.2%			
Shore A Hardness	75	55	50	60
Techniques	One step Two step			One step monophase

Preparation

Remove and discard cartridge cap.

Load the mixing gun with the cartridge and the appropriate mixing tip. To avoid the formation of air bubbles, always keep the tip filled with impression material.

For extrusion directly onto the teeth, use the intra-oral tip.

Working properties

Setting	Fast	Regular
Mixing time	Auto mixing system	Auto mixing system
Total working time	1.00 minute	2.00 minutes
Time in mouth	2.00 minutes	2 min. 30 sec.
Total setting time	3.00 minutes	4 min. 30 sec.
Notes:	Times mentioned for 23 °C (73 °F) with 50% relative humidity. Higher temperature reduce these times, and lower temperature increase them.	

One step technique

Place the ready mixed tray (Viscosity hard/medium) material onto the impression tray creating a trough. Apply material (viscosity light) directly onto the previous material along the occlusal side of the tray material. Immediately position the impression tray in the mouth. Hold immobile for the recommended time and carefully remove the impression tray after setting.

Two step technique

Preliminary impression:

Load the ready mixed tray material (Hard viscosity) or putty onto a perforated impression tray. Position the impression tray in the mouth and hold immobile for the recommended time. Carefully remove the impression tray after setting. Rinse well under tap water and blow dry thoroughly. Flow channels must be formed so that excess correction material can flow away.

Corrective impression:

Apply material (Light viscosity) onto first impression or directly around the preparation and the gingival margin. Reinsert the impression tray in mouth and hold immobile for the recommended time. Carefully remove the impression tray after setting.

One step technique (ImpreScan Monophase)

Load the mixed monophase material onto a solid impression tray and syringe round the preparation. Position the impression tray in mouth and hold immobile for the recommended time. Carefully remove the impression tray after setting.

DISINFECTION

Once removed from the mouth, rinse the impression with warm water. Impressions can be disinfected with standard disinfection solutions.

CASTING

In order to allow for hydrogen outgassing from the cured impression material and to avoid the small bubbles on the surface of the model that result if plaster/stone is poured prematurely, it is recommended that you wait at least 30 minutes before pouring up the dry and clean impression. All class III and IV dental plasters and standard model-casting acrylics can be used.

PRECAUTIONS

- Contact with latex gloves may impair the setting reaction. Vinyl gloves are recommended.
- Do not combine with condensation curing silicones.
- Do not use after the expiry date.

STORAGE

Store between 10-25°C. Avoid direct exposure to light. Store used cartridges with the mixing tip, never with the cartridge cap, to avoid cross-contamination and/or premature polymerization. The tip is for single use only and should be replaced by another tip for subsequent use.

LOT NUMBER AND EXPIRY DATE

The batch number and expiry date appear on the product label.

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