

PRESTIGE VDX 5:1



Prestige VDX 5:1 Putty is a high precision impression material on polyvinylsiloxane basis addition-curing, ideally suited for impressions in implant prosthesis, Prestige VDX 5:1 Putty detects the exact three-dimensional position of the implant and peri-implant tissues, firmly incorporating the transfer.

Designed to absorb tensions and minimize distorting effects, it can be used both in the pick-up and tear technique.

Prestige VDX 5:1 Putty can be used with almost all commercially available A-silicone wash materials.

Prestige VDX 5:1 Putty can be mixed fully automatically, quickly, homogeneously and bubble-free in all modern mixers. The 5:1 full cartridges are suitable to be used with the following devices: Pentamix®, Pentamix® 2, Plug & Press® Dispenser, MixStar.

APPLICATIONS

The product is ideal for the taking of impressions for implant prosthetics; indicated for direct technique, indirect and immediate loading.

ADVANTAGES

Sliding during processing, hard and stable after hardening.

Precise positioning of the transfer

Injectable

Rigid, stable

For dental use only

TECHNICAL DATA

ISO 4832 / ADA 19	Type 1 Heavy -Bodied consistency
Mixing ratio Base: Catalyst	5:1
Working time after extrusion*	1'45''
Intra-oral setting time *	2'
Setting time	5'30''
Hardening time	4'
Compression distortion	2%
Elastic recovery	>99.4%
Dimensional stability after 24 hours	<-0.20%
Hardness Shore A	70
Colour	Orange red

*Working time is considered from the start of mixing at 23°C/73°F. Time in mouth is considered at 35°C/95°F

PREPARATION OF THE DEVICE - INSTRUCTIONS FOR USE

Place the cartridge in the mixer (please follow the manufacturer's instructions when using each device). Then switch on the appliance and let material flow out until it is flowing evenly from both orifices. Now connect the mixing tip to the orifice and check that it is correctly in position. Then push the fixing ring over the mixing tip

as far as it will go and turn it to the right until it locks. Start the mixer again and dispense the desired quantity of material into the impression tray. Hold the tray obliquely and press it on gently (see fig. 1); while dispensing it, leave the mixing tip in the material. The used mixing tip stays on the cartridge and acts as a cap. After use and before the next use, loosen and take out the fixing ring, remove the used mixing tip, check the orifices for the plug that forms in unusual cases, clean if necessary and proceed as described above.

IMPRESSION TAKING

Place the tray loaded with Prestige VDX 5:1 Putty into the mouth, press it on briefly and then hold it in situ until it has set fully. To check the level of hardening check the material in the mouth. When using the putty wash technique (double -step) before the second impression is taken, it is important to wash and accurately dry the first impression: This is to ensure perfect adhesion between the first and second impressions.

DISINFECTION

Once an impression is taken, it is important to sterilise it in order to remove debris and saliva. The impression can be disinfected by soaking it in a 2% glutaraldehyde solution, a 0.5% sodium hypochlorite solution, or in another product manufactured expressly for that purpose. An impression may soak for 30 minutes to 1 hour without being subject to alteration. Follow carefully the manufacturer instructions.

Electroplating:

Impressions taken with Prestige VDX 5:1 Putty may be silver or copper plated in galvanised baths.

CASTING

The impression can be poured after only 60 minutes. There are no other time restrictions. All class 3 and 4 gypsums that comply with ISO 6873 can be used. The impressions can be cast several times.

Wait just one hour after vulcanisation before casting the impression. The silicones on polyvinylsiloxane basis of the Prestige line, are compatible with all of the plasters on the market that comply with ISO 6873 (ex: Class III - Hydrocal Kerr ® , Class IV – Fujirock GC®, etc).

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WORKING AND SAFETY INSTRUCTIONS

Prestige VDX 5:1 Putty must be used following carefully the present instructions for use. Any other use, which is not in foreseen in the present document, is of the sole responsibility of the user.

- The original cap of the 5:1 full cartridges must always be kept. If not used for a long-standing period (approx. 1 week), the cartridge must be closed with the cap in order to prevent potential formation of a plug. Ensure that the stopper is absolutely clean and that no preliminary curing occurs because the original cap is put on incorrectly.
- Do not use mixing tips from other manufacturers.
- Solutions used before to taking the impression such as oral rinses or retraction solutions can impede with the setting reaction and must be carefully removed.
- Do not leave any impression material residues in the oral cavity.
- Cured silicones are chemically resistant; therefore, any contact with clothing, including lab-coats,

should be avoided.

- Do not use the product with polyether, polysulphides or condensation-curing silicones as chemically incompatible.

CAUTION

- Avoid eye contact with the impression material, should it be necessary, irrigate the eyes immediately with clear water and consult an ophthalmologist rapidly.
- Allergic reactions could occur in sensitive person. In case of doubt, consult an Allergies Specialist. In case of acute allergic reactions during the treatment, the contact with the product must be stopped immediately.

STORAGE

The impressions with Prestige VDX 5:1 Putty are to be stored at room temperature.

Keep securely closed, and store in a cool, dry place at a temperature between 5°C e 27°C (41°F - 80°F). Keep away from sources of heat. The expiration date printed on the packaging refers to the unopened product still sealed by the production.

The serial number and expiration date are printed on each individual product container. When contacting the distributor, it is important to have this information on hand in order to properly and promptly identify the product batch.

IMPORTANT: Do not use after the expiration date.

PACKAGING

Product Code/ Description	055112 - Set 1: 1 cartridge 380 ml + 5 mixing tips + 1 fix cap
Product Code/ Description	055113 - Set 2: 2 cartridges 380 ml + 10 mixing tips + 1 fix cap

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