



ImpressPLUS

Instructions for Use

Addition Curing Vinyl Polysiloxane Impression Materials

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|-------------------|---|
| Product Name | ImpressPlus - Addition Curing Vinyl Polysiloxane Impression Materials |
| Company Name | Perfection Plus Ltd |
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PRODUCT CODE - REF

PP010/1300 – ImpressPlus Putty Reg Set
 PP010/1390 – ImpressPlus Tray Regular Set Heavy Body Pink
 PP010/1380 – ImpressPlus Wash Regular Set Monophase Purple
 PP010/1370 – ImpressPlus Wash Regular Set Medium Body Buff
 PP010/1360 – ImpressPlus Wash Regular Set Light Body Yellow

PP010/1302 – ImpressPlus Putty Fast Set
 PP010/1392 – ImpressPlus Tray Fast Set Heavy Body Pink
 PP010/1382 – ImpressPlus Wash Fast Set Monophase Purple
 PP010/1372 – ImpressPlus Wash Fast Set Medium Body Buff
 PP010/1362 – ImpressPlus Wash Fast Set Light Body Yellow

| ImpressPlus | Putty | | Tray Material Heavy | | Monophase | | Wash Medium | | Wash Light | |
|--|-----------------------------|---------|------------------------------------|---------|-------------------------------------|---------|-------------------------------------|---------|------------------------------------|---------|
| | Type 0 Putty consistency | | Type 1 heavy-bodied consistency | | Type 2 medium-bodied consistency | | Type 2 medium-bodied consistency | | Type 3 light-bodied consistency | |
| ISO 4823 | Type 0 Putty consistency | | Type 1 heavy-bodied consistency | | Type 2 medium-bodied consistency | | Type 2 medium-bodied consistency | | Type 3 light-bodied consistency | |
| Mixing ratio | 1:1 | | 1:1 | | 1:1 | | 1:1 | | 1:1 | |
| Mixing time | 30" hand mix | | Auto mixing system | | Auto mixing system | | Auto mixing system | | Auto mixing system | |
| Setting | Fast | Regular | Fast | Regular | Fast | Regular | Fast | Regular | Fast | Regular |
| Total working time* | 1:00 | 2:00 | 1:00 | 2:00 | 1:00 | 2:00 | 1:00 | 2:00 | 1:00 | 2:00 |
| Time in mouth | 2:00 | 2:30 | 2:00 | 2:30 | 2:00 | 2:30 | 2:00 | 2:30 | 2:00 | 2:30 |
| Total setting time* | 3:00 | 4:30 | 3:00 | 4:30 | 3:00 | 4:30 | 3:00 | 4:30 | 3:00 | 4:30 |
| Strain in compression min - max (%) | 1-4 | | 2-5 | | 3-5 | | 3-5 | | 3-5 | |
| Elastic recovery (%) | >99.0 | | >99.5 | | >99.5 | | >99.7 | | >99.9 | |
| Dimensional change (%) | <0.2 | | <0.2 | | <0.2 | | <0.2 | | <0.2 | |
| Shore A hardness | 72±2 | | 75±2 | | 60±2 | | 55±2 | | 50±2 | |

* **Attention!** Application is at 23°C ± 2 / 73°F ± 4, 50 ± 5% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs them. Note that hand and fingertip temperatures when kneading putty affect the setting time.

Intended Use: Dental Impression material

Use environment: Dental practice

Patient target group: People treated in the course of a dental procedure with no limitations in age or gender.

INDICATIONS / TECHNIQUES

ImpressPLUS Putty - Very high viscosity impression material recommended for use as a tray material in single step (sandwich) or double step techniques.

ImpressPLUS Tray Material Heavy-High viscosity impression material recommended for use as a tray material in single step (sandwich) or double step techniques and in implantology.

ImpressPLUS Monophase -Medium viscosity impression material recommended for use in the monophase technique.

ImpressPLUS Wash Medium - Medium viscosity impression material recommended for use as a wash (correction) material in single step (sandwich) or double step techniques.

ImpressPlus Wash Light- Low viscosity impression material recommended for use as a wash (correction) material in single step (sandwich) or double step techniques.

MIXING PROCEDURE

Handmix 1:1 Remove equal amounts of base and catalyst from the relevant tubs using the colour coded scoops. Note that equal proportions should be kept (a larger quantity of catalyst does not accelerate the setting time) Attention: Do not use the same scoop for both materials. Knead the two components at room temperature, according to the recommended mixing time, until a homogeneously coloured mixture is formed. Be sure to close containers immediately after use. Do not interchange container caps. Follow the chosen technique and leave the material to set for the recommended setting time.

Automix- Cartridges 1:1 Load the cartridge onto the appropriate handheld dispenser following the manufacturer's instructions. Once loaded remove cap and extrude material until it exits both chambers at the same rate and then mount the appropriate mixing tip. An intraoral tip may be placed on the mixing tip. To avoid air bubbles always keep tip of the mixing tip immersed in the impression material. Follow the chosen technique and leave the material to set for the recommended setting time. After use either leave the used mixing tip as a cap until the following application or carefully remove mixing tip and place cap immediately taking care not to cross contaminate the materials. Intraoral tips and mixing tips are for single use only.

IMPRESSION TRAYS

All types of trays whether perforated, non-perforated or special can be used if they are non-deformable and rigid. To avoid errors during impression taking, especially during removal from the oral cavity, it is very important to ensure proper adhesion of the material to the impression tray. If using an adhesive, ensure the type of adhesive selected is appropriate to the tray used (refer to the corresponding instructions of use of the adhesive).

TECHNIQUES

One step technique (sandwich)

Place the ready mixed tray material onto the impression tray creating a trough. Syringe wash material directly onto preparation and apply additional material along the occlusal side of the tray material. Immediately position the impression tray in 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 (putty, heavy) onto the impression tray. Ample space must be allowed for the correction material. It is recommended to place a polyethylene spacer (separating) sheet on the tray material during the first step of impression to improve the detail quality in the next step. 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

Syringe wash material onto first impression or directly around the preparation and the gingival margins. Reinsert the impression tray in mouth and hold immobile for the recommended time. Carefully remove the impression tray after setting. In order to ensure optimal adhesion of the two materials, both impression steps should take place one immediately after the other.

One step technique (monophase)

Load the mixed monophase material onto the 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.

DISINFECTING

Once impression is removed from mouth, rinse under lukewarm water. The impression can then be disinfected with appropriate disinfecting solutions or sprays such as 2% glutaraldehyde. Take care to follow the manufacturer's instructions for use. For further information regarding disinfecting impressions: JADA 1991; vol. 122; IS(8); p110. If disinfecting with hydrogen peroxide, thoroughly rinse with lukewarm water to avoid the formation of bubbles.

CASTING

The dry and clean impression should be cast between 30 minutes and two weeks after removal. All type III dental plasters (e.g., Moldano, Heraeus Kulzer) and IV dental plasters (e.g., Fujirock EP, GC) and standard model-casting acrylics can be used.

ELECTROPLATING

The impression can be electroplated using copper or silver baths.

PRECAUTIONS

- Avoid contamination of the base paste with the catalyst paste in the containers as the materials will become unusable. The scoops and the lids of the containers must only be used with the materials of the corresponding colours.
- Contact with latex gloves may impair the setting reaction. Vinyl gloves are recommended.
- Eugenol or certain haemostatic materials may impair the setting reaction.
- Do not combine with condensation curing silicones, polyether or polysulfide.
- Avoid spillage of material on clothing as it cannot be removed chemically.
- Avoid contact of material with eyes. In case of contact rinse eyes with plenty of water and consult a physician immediately.
- Seek immediate medical attention in case of ingestion
- Do not use after the use-by date

CONTRAINDICATIONS

Application of the above material is contraindicated:

- If a patient is known to be hypersensitive or allergic to any of the ingredients
- If a patient has loose teeth, since they can be further loosened or extracted by taking an impression

STORAGE

Store material between 10 - 25°C (50 - 77°F).

Store impression at room temperature (max. 25°C/77°F).



LOT NUMBER AND EXPIRY DATE

The above are printed on each package and should be quoted in all correspondence which requires identification of the product.

DISPOSAL

Dispose of the product according to local regulations as applicable

USERS / FOR PROFESSIONAL USE ONLY

These materials have been developed for use exclusively by dental professionals and must be handled according to the instructions of use. The recommendations included in the instructions correspond to the actual state of knowledge regarding dental techniques. This does not relieve the user from determining the suitability of the product for its intended purpose. The manufacturer cannot be held responsible for damages caused by other uses or incorrect handling.

REPORTING OBLIGATIONS

Should a serious incident in relation to this product occur, it should be reported to the manufacturer and the competent authority.

SYMBOLS GLOSSARY

| | | | |
|--|---|--|--------------------------|
| | Medical device | | Catalogue number |
| | Consult instructions for use | | Batch code |
| | Caution | | Use-by date |
| | Keep away from direct sunlight | | Unique device identifier |
| | Temperature limit | | Manufacturer |
| | Importer | | EU conformity mark |
| | Authorized representative in the European Community | | |

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