

gingifast

VINYLPOLYSILOXANE
(ADDITION SILICONE)
FOR THE GINGIVAL REPRODUCTION
ON MODELS

gingifast^{RIGID}

gingifast^{ELASTIC}

Zhermack[®]
TECHNICAL

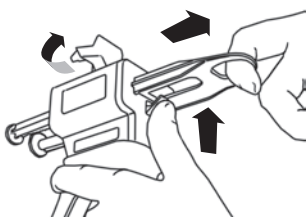


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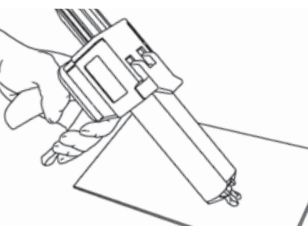
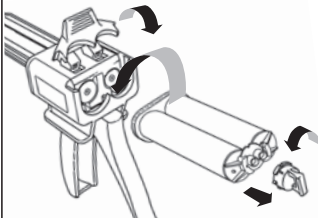
U112301/E Last Update: 07/2009

Gingifast 1:1 (50 ml) Instruction for use with D2 dispenser

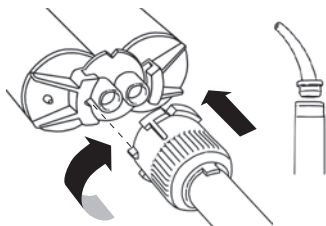
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ADDITION CURED SILICONES (VINYLPOLYSILOXANES) FOR THE REPRODUCTION OF HIGH-PRECISION GINGIVAL MASKS (i.e. reproduction of gingival tissue)

Technique for permanent dentures – indirect method

1. Before sectioning the model, use Zetalabor, Titanium, Platinum to prepare a template thick enough to cover the section of the model required.
2. Remove the gingival area to be reproduced in order to create the space which will be filled up by Gingifast (2 mm thick minimum).
3. Use a burr to make holes in the Zetalabor template. The number of holes will vary according to the dimension of the area to be reproduced; we suggest you to make at least 2 holes on each side.
4. Steam clean the model accurately in order to eliminate dust: Insulate the Zetalabor template inside, treating the surface with the Separator. Replace the Zetalabor template on to the model.
5. Insert the Gingifast cartridge into the dispenser (see “Device preparation” at the bottom of the page), apply mixing tip and fine tip. In order to get the silicone flow easier during the injection, we suggest you to cut the tip so that it can get in the template hole easily.
6. Inject Gingifast slowly, starting from the vestibular side, pressing constantly on the dispenser lever until the material flows out of the free hole on the opposite side of the template. To avoid bubbles do not interrupt the injection Gingifast until the complete filling of the template. Total working time is about 2 minutes at 23°C (73°F). Wait for a minimum of 10 minutes until it is totally set 23°C (73°F).
7. Remove the silicone template carefully, then remove the gingiva reproduced. During this operation, the injection channels will hold them in place, they can be removed or, eventually cut, in order to avoid any gingiva tearing.
8. Proceed with finishing. Remove burr using common cutting tools which have been sharpened well or a knife for soft materials.

Technique for implants – direct method

1. On the impression, define the area to be filled up with gingiva which you intend to reproduce limiting with boxing wax the area.
2. Apply Separator all over the surface involved. Wait until the Separator is dry.
3. Insert the Gingifast cartridge in the dispenser (see “Device preparation” at the bottom of the page), apply the mixing tip and the fine tip. In order to improve the flow of silicone-during injection, we suggest you cut the end off the tip.
4. Start injecting slowly, pressing on the dispenser lever. The material flows into all areas, even those which are difficult to see. Total working time is about 2 minutes at 23°C (73°F). Wait for a minimum of 10 minutes it gets totally set 23°C (73°F).
5. Create the model as usual, using materials such as plaster, polyurethane resin, etc. There is no need to insulate: Gingifast is compatible with all casting materials when it is set.
6. When the model is ready, remove the impression, then remove carefully the gingival reproduced.
7. Proceed with finishing. Remove burr using common cutting tools which have been sharpened well or a knife for soft materials.

Important notes

Polyvinylsiloxanes (addition cured silicones) have an excellent dimensional stability, so the product will maintain correct gingival margins for long periods of time.

Addition silicones have an excellent elastic memory, that's why the template can be inserted and removed from the model repeatedly. However, when Gingifast Rigid is used, its tear strength is proportional to those cutting features which the product was made for. Therefore, we suggest you to pay attention when stressing the material, as it could snap.

It is very important to use the Separator in order to avoid: 1) Adhesion: in case of contact with addition and condensation silicones; 2) Incompatibility: in case of contact with polyether-based impression materials.

Surfaces touching Gingifast must be perfectly clean and oil-free to prevent unwanted setting contamination. Contamination will take the form of a superficial stickiness.

SEPARATOR FOR GINGIFAST

SEPARATOR is a ready-to-use solution that enables isolation between material surfaces of the same nature, avoiding adhesion.

Separator can be applied to reproduce gums on models in association with Gingifast Elastic Zhermack and/or Gingifast Rigid Zhermack, and in all cases in which it is necessary to prevent adhesion between compatible materials.

SEPARATOR can be applied on condensation silicon (Zetalabor, Titanium, for C-Silicon-based imprint materials) and addition (Platinum, Gingifast, for A-Silicon-based imprint materials).

SEPARATOR also reduces the inhibitions of A-Silicon cross-linking due to contact with incompatible materials (for example, for polyether-based imprint materials). For best performance, only concerning polyether-based material, it is recommended to wait at least 5 hours after casting the imprint before applying. The polyether imprints should be accurately washed and dried with a gentle blow of air before applying Separator.

INSTRUCTIONS FOR USE

This product can be applied either directly onto the dry imprint (direct technique) or onto silicon moulds (indirect technique)

- Make sure that the surfaces to be isolated are thoroughly cleaned and dried.
- Spread Separator using the brush, or using the vaporizing accessory included in the kit.
- Wait for Separator to dry completely, until the surface becomes opaque. Drying time can be shortened by using a gentle blow of air.

WARNINGS

Close the bottle well after use.

Possible product deposits or separation of components are to be considered normal as they do not jeopardise product quality. If this happens, shake well before use.

DEVICE PREPARATION

Assemble the device as shown in the drawings (1-2).

Warning: Before putting on the mixing tip, ensure that the two components (base and catalyst) flow out evenly by applying a light pressure on the dispenser lever and extruding a small amount of material, which must be removed (3).

Subsequently, insert the mixing tip and, if required, the fine tip on to the cartridge (4).

CLEANING AND DISINFECTING THE DISPENSER

To clean, disinfect or sterilize the dispenser, always follow the manufacturer's instructions.

CONSERVATION

Shelf life, 24 months at 5 to 27 °C (41 – 80 °F).

IMPORTANT NOTES: Advice given verbally, in writing or in demonstrations of the use of our products is based on the current state of dental technique and on our know-how. It is to be considered informative and non-binding, even in relation to the rights of third parties, and does not exempt the user from personally ensuring that the product is suitable for the intended application. Use and application by the user is beyond the manufacturer's control and is therefore the user's responsibility. Any liability for damage shall be limited to the value of the goods supplied by the manufacturer and used by the user.