

Intended purpose of use

Medical device (MD) intended for the fabrication of temporary and semi-permanent bridges in anterior area using a direct or indirect procedure.

Composition

Dentapreg® SFU, SFM, PFU, PFM and UFM Dimethacrylate monomer 40 - 50 wt.% depends on the type of the product. Glass fibers 50 - 60 wt. % depends on the type of the product. Additional contents: catalysts and stabilizers.

Warnings

Use protective glasses during light curing operation and protect the patient's eyes as well. Do not use Dentapreg® if protective package is damaged. Do not use Dentapreg® after the indicated date of expiration.

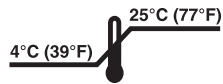
Manufacturer & Importer

Manufactured by:

ADM, a.s., U Vodárny 2, Brno 616 00, Czech Republic, www.dentapreg.com

Imported by:

Dentapreg America Incorporated, Sarasota Courthouse 1990 Main Street, Suite 750 Sarasota, 34236 Florida, USA



Contraindications

Use of Dentapreg® reinforcements is contraindicated if the patient is known to be allergic to any of the ingredients in Dentapreg® products.

Recommendations

- We strongly recommend using powder-free latex or nitrile gloves when manipulating with the Dentapreg® strip.

- The Dentapreg® strip must be entirely covered with composite.

- The optimal thickness of the veneering composite to be layered on top of the fibre frame at the occlusal contact is 2 mm.

- Attach the Dentapreg® strip as incisally as possible. This allows maximum support for the bridge in the anterior region.

- We recommend using metal instruments as a pincer and a spatula.

- We recommend using C&B composite for Dentapreg® applications. For provisional or temporary applications you can use flowable composite.

Caution

Federal law restricts this device to sale by or on the order of a dentist or laboratory technician.

Date of revision: October, 2018

1) Clean and prepare the abutment teeth.



2) Measure the required length of the Dentapreg® PFM strip by using dental wax, wedjets, dental floss etc. The strip should cover approx. 2/3 of the abutment teeth's crown.



3) Ensure a dry working area and isolate interproximal spaces. Use of a rubber dam is highly recommended.



4) Slightly prepare the tooth surface with a diamond bur. For long term bridges we recommend making a box preparation on the abutment teeth.



5) Use a matrix or plastic foil to preserve the space for cleaning between the pontic and gingiva.



6) Etch the bonding areas of the abutment teeth with orthophosphoric etching gel according to the manufacturer's instructions.



7) Rinse thoroughly and dry.



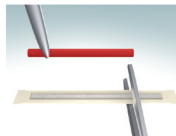
8) Apply an adhesive system to the prepared areas and light cure it according to the manufacturer's instructions.



15) Light cure the whole bridge according to the composite manufacturer's instructions.



9) Remove the Dentapreg® PFM strip from the blister and cut it with scissors to the required length. Do not touch the unprotected strip with bare hands. The use of powder-free latex or nitrile gloves is recommended. Store the remaining strip in the supplied light protection box and keep it in a dark place, preferably in a refrigerator. In this manner, you can store the strip for up to 4 weeks without its properties deteriorating significantly.



16) Finish the bridge, adjust it in the occlusion and polish it.



10) Apply a thin layer of C&B composite (approx. 0.5 mm) to the bonding areas. DO NOT LIGHT CURE YET!



Remark to indirect procedure

The above mentioned steps describe the chairside procedure. You can work indirectly on the model using the following procedure:

11) Remove the protective paper and plastic foil from the strip. Insert the strip into the uncured composite and form it to the required position. The strip in the pontic position is designed to go along the middle of the future pontic in the lingual-labial direction. You can use Dentapreg® Fork for easier adaptation.



Take an impression of the clinical situation using a silicone impression material and create a stone model. Isolate it. Prepare the bridge on this model. The procedure is the same as the chairside version. Once the bridge is ready, cement it to the prepared teeth using adhesive resin cement. Working on a model is more comfortable and easier than a direct chairside procedure and the final result will be more precise and esthetic.

12) Light cure the adapted Dentapreg® strip for 40 seconds per tooth. You can use Dentapreg® Shield for protecting the rest of the strip while light curing.



13) Cover the entire strip with the C&B composite including the interproximal areas and light cure it according to the manufacturer's instructions.



14) Build the pontic by layering the C&B composite according to the manufacturer's instructions. Build the dentine parts of the tooth with dentine shades of composite and form the enamel parts with enamel shades. Remember to keep the cleaning spaces free.

