Dentapreg® SFM

Instructions for use
SURFACE RETAINED SPLINT

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.

Caution

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

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.

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 splint should not interfere with the oclusal contacts.
- The splint should be bonded to the teeth in its entire length, a spot fixation isn't sufficient.
- Build the missing contact points of the splinted teeth from composite.
- 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.

Manufacturer & Importer

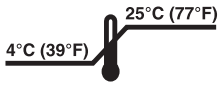
Manufactured by:

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

Imported by:

DENTAPREG AMERICA INCORPORATED,
330 S Pineapple Ave, S-110, Sarasota FL 34236,
United States of America

Date of revision: July 1st, 2014



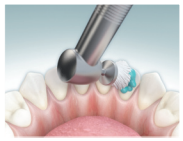


ADM, a.s. 07/2014, FORM 140703

Text

1) Measure the required length of the splint by using dental wax, wedjets, dental floss etc.

2) Clean the surface of the teeth, using non-fluoridated prophy paste.

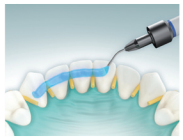


3) Ensure a dry working area using cotton rolls or preferably a rubber dam.

4) Isolate interproximal spaces (wedjets, wooden or plastic wedges).

5) Slightly prepare the tooth surface with a diamond bur. For short term splints (i.e. trauma splints) the preparation of the surface with a diamond bur is not necessary.

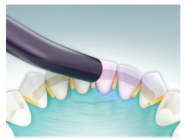
6) Apply orthophosphoric etching gel on the tooth surfaces and interproximal spaces in the splinted area according to the manufacturer's instructions.



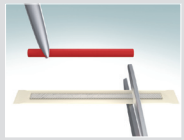
7) Rinse thoroughly and dry.

8) Apply a thin layer of an adhesive system to the etched surface of the teeth.

9) Light cure the adhesive according to the manufacturer's instructions.



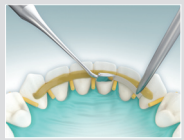
10) Remove the Dentapreg® SFM strip from the blister and cut it with scissors to the required length. Do not touch the unprotected strip with bare hands. The use of powder-free latex or nitrile gloves is recommended. Store the remaining strip in the supplied light protection box and keep it in a dark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



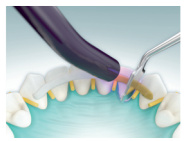
11) Cover the bonding area with a thin layer (approx. 0.5 mm) of C&B composite. DO NOT LIGHT CURE YET!

For short term splints (ex. trauma splints) you can use flowable composite.

12) Remove the protective paper and plastic foil from the strip. Insert it into the uncured composite and adapt it to the teeth surface. You can use Dentapreg® Fork for easier adaptation.



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



14) Cover the entire surface of the splint with a layer of either flowable or C&B composite. If the splinted teeth don't have contact points, build them from C&B composite.

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

16) Remove any excess composite.

17) Finish the splint surface by polishing.

18) Finished splint.

Remark to intracoronal splint

The above mentioned procedure describes the preparation of surface retained splint.
For better stabilization of periodontically compromised teeth you can make an intracoronal splint. The procedure is the same as for the surface retained splint except for the preparation of a groove on the teeth to be splinted. The width of the groove must be sufficient for placing the Dentapreg® strip. Keep in mind that the width of the Dentapreg® SFM strip is 2 mm.