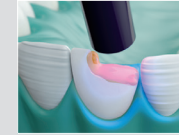


1) Determine the right shade of composite at the very beginning of the appointment. If a difficult shade, try different composites and/or combinations of composite without bonding agents. It is important to do this before drying the working area as dehydration of the tooth will alter the color.



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



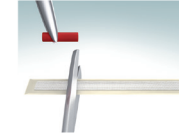
15) Light cure the tooth according to the composite manufacturer's instructions.



2) Ensure a dry working area, using a rubber dam is highly recommended.



9) Remove Dentapreg® UFM from the blister and cut it with scissors to the required length. Do not touch the protected 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 tooth, adjust it in the occlusion and polish it.



3) Isolate the interproximal areas using a matrix. To insure the adjoining teeth stay clean, use teflon tape to cover them. This will make finishing and cleaning easier.



10) Cover the bonding area with a thin layer of C&B composite. DO NOT LIGHT CURE IT YET!



4) Measure the length of Dentapreg® UFM by using dental wax, wedjets, dental floss, etc. Remember that the strip is replacing the natural interface between the dentin and enamel and adhering to the incisal edge of the broken tooth.



11) Remove the protective paper and the plastic foil from the strip. Insert it into the uncured composite and adapt it to the required position. Dentapreg® UFM is stretchable, you can extend its width up to 10 mm. You can use Dentapreg® Fork for easier adaptation. Coat your instruments with a bit of bonding agent for easier handling.



5) Apply orthophosphoric etching gel on the tooth according to the manufacturer's instructions. If a bur or micro-etching is used on the tooth, etching gel is not necessary.



12) Adapt the strip so that one end of the strip lies on the flat bottom of the preparation and the remainder of the strip protrudes from the preparation along the oral side of the tooth and creates a retentive area for the incisal edge restoration. Bend the rest of the strip back in the C&B composite if possible.



6) Rinse thoroughly and dry.



13) Light cure the adapted Dentapreg® UFM strip for 40 seconds.



7) Apply a thin layer of an adhesive system to the etched surface of the tooth.



14) Rebuild the tooth from the C&B composite according to the composite manufacturer's instructions. Build the dentine parts of the tooth with dentine shades of composite necessary to cover the whole surface of the fibers with the composite. Remember to keep the cleaning spaces free.



Important:

- Dentapreg® strips must always be completely covered with composite material.
- The optimal thickness of the layer of composite material between the Dentapreg® strip and the outer surface is 2 mm.
- Use metal instruments such as tweezers or spatulas for adapting the Dentapreg® strips. Sterilize instruments before use.
- Do not use if it is not possible to ensure a dry working field.
- Take care not to damage the reinforcing fibers during the finishing phase.

Basic description:

Dentapreg® UFM is a reinforcement material used in the field of restorative dentistry. It is a formable strip formed by braided glass fibers with a surface treatment, which are impregnated with a light-curable polymer matrix.

Intended uses:

Dentapreg® UFM is a medical product intended for strengthening large restorations (e.g., inlays, onlays, overlays), crowns and veneers using a direct or indirect method.

Contraindication:

In rare cases, the use of Dentapreg® medical products may be associated with an allergic reaction. The use of Dentapreg® medical products is contraindicated in patients with known sensitivity to any of the components contained in Dentapreg® medical products (especially methacrylate monomers and polymers).

Safety measures:

- During application, it is recommended to use powder-free latex or vinyl protective gloves, and to use non-contact techniques.
- Avoid looking directly into the light of the curing lamp, use safety goggles when curing. Also protect the eyes of the patient.
- Avoid contact with eyes, ingestion, and contact with skin and soft tissues.
- In the event of the contact of an uncured strip with soft tissues or skin, gently wipe the affected area with a cotton swab or gauze, and rinse with water. In the event of hypersensitivity (allergic reactions), seek medical advice and refrain from using the product on the given patient in the future.
- Inform the patient about the need to observe hygienic principles.
- Instruct the patient to see a dentist without delay in the event of a functional failure.
- In the event of any serious adverse effects, contact the manufacturer and the relevant regulatory authorities immediately.

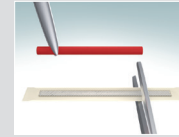
Compatibility information

- Adhesive system: use a standard light-curable adhesive system for the adhesive preparation of hard dental tissue surfaces. Follow the manufacturer's instructions for the composite material used.
- Composite material: use a standard light-curable methacrylate-based composite material (universal bulk fill composites, enamel replacement composites, or flowable composites) to position and cover the fiber reinforcement.

1) Prepare the tooth for the crown.



8) Remove the Dentapreg® UFM 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.



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



2) Ensure a dry working area, using a rubber dam is highly recommended.



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



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



3) Measure the required length of the Dentapreg® strip by using dental wax, wedjets, dental floss, etc.



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



17) Finished crown.



4) Apply orthophosphoric etching gel on the tooth surface according to the manufacturer's instructions



11) Light cure the adapted Dentapreg® strip for 40 seconds per tooth.



Important notice:

- Do not use the product after the expiration date.
- The product is not intended for multiple use.
- Do not use the product if it becomes contaminated or otherwise damaged while being relocated to the designated place of use.
- Do not use in combination with materials containing eugenol, phenolic substances may affect the curing of the resin matrix.
- Do not use the product if the protective cover is damaged in any way.
- Avoid using direct intense light in the working area, as this could lead to premature curing and loss of application properties.
- Label the product and invalidate by curing before disposal. Ensure the collection of medical waste by a certified company.
- The target group of patients is not limited and corresponds to the prevalence of disability.

Storage:

Dentapreg® products should be stored at temperatures between 4 and 25 °C in undamaged packaging away from direct light sources. Do not expose to temperatures higher than 25 °C for extended periods of time. Do not use after the expiry date stated on the packaging. After opening the blister, unused parts of the strip can be stored in the light protection box included in the packaging. In this packaging, keep the product in the refrigerator at temperatures between 4 and 10 °C, and use it within four weeks.

Additional information:

The product is intended exclusively for use by a dentist (a dental technician may be involved in the preparation of indirectly made replacements). Always use in accordance with the instructions for use and the defined intended uses. ADM, a.s. does not accept liability for damages caused by non-compliance with the prescribed application procedure or use outside the specified indication range. Always familiarize yourself with material safety data sheets available at www.dentapreg.com. They can also be obtained from your supplier.

Manufactured by

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

5) Rinse thoroughly and dry.



12) Cover the Dentapreg® strip with a layer of C&B composite. It is necessary to cover the whole surface of the fibers with composite!



6) Apply a thin layer of an adhesive system to the etched surface of the tooth.



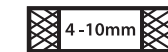
13) Light cure the composite according to the manufacturer's instructions.



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



14) Build the crown from C&B composite according to the composite 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.



The pictogram on the packaging defines the width and structure of the strip

