

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.

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.

Date of revision: August, 2024

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

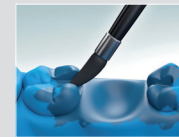


Manufacturer & Distributor

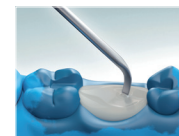
Manufactured by:

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

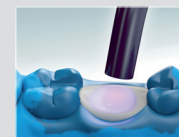
- 1) Prepare a gypsum model of the arch from an impression and isolate it.



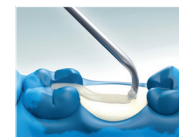
- 2) Build the bottom part of the pontic from C&B composite. You can use a matrix or plastic foil to preserve the space for cleaning between the pontic and gingiva.



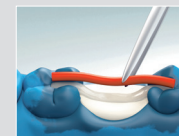
- 3) Light cure the composite according to the manufacturer's instructions.



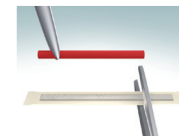
- 4) Apply a thin layer of C&B composite along the bridgework area.
DO NOT LIGHT CURE YET!



- 5) Measure the length of the Dentapreg® strip.



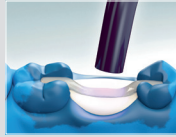
- 6) Remove the Dentapreg® BUNDLE strip from the blister and cut it with scissors to the required length. Do not touch the unprotected strip with bare hands. The use of powder-free latex or nitrile gloves is recommended. Return the remaining part of the strip to the blister and cover it with the supplied light-protecting foil. Store in a dark place, preferably in a refrigerator. You can store it for up to 2 weeks without the properties of the strip deteriorating significantly.



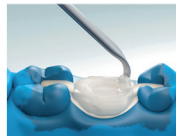
- 7) Remove the protective paper and the plastic foil from the strip. Insert it into the uncured composite and form it to the required position. You can use Dentapreg® Fork for easier adaptation.



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

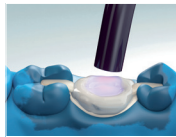
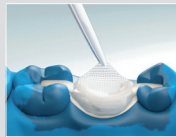


9) Build the pontic from composite according to the composite manufacturer's instructions. It is necessary to cover the whole surface of the fibers with composite! Build the dentine parts of the tooth with dentine shades of the composite and form the enamel parts with enamel shades. Remember to keep the cleaning spaces free.

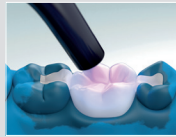


10) Alternatively, you can place a sheet of Dentapreg® VEIL* under the enamel layer of the pontic for its additional reinforcement.

* It is necessary to place the Dentapreg® VEIL into the uncured layer of composite, adapt it on the pontic core and then light cure it for 40 sec. Cover the whole surface of the fibers with composite!



11) Light cure the whole bridge according to the composite manufacturer's instructions. You can also use the light-curing oven for final curing.



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



Important

- Dentapreg® strips must always be completely covered with composite material.
- Anchoring of the bridge should not interfere with occlusal contacts.
- The optimal thickness of the layer of composite material between the Dentapreg® strip and the occlusion is 2 mm (on abutment teeth).
- To maximize the reinforcing effect, adapt the Dentapreg® strip in the area of the pontic towards the gingiva (as close as possible).
- Sufficient room for cleaning must be left in the gingival area and interproximal surfaces.
- Use metal instruments such as tweezers or spatulas for adapting the Dentapreg® strips. Sterilize instruments before use.
- Take care not to damage the reinforcing fibers during the finishing phase.

Basic description

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

Intended uses

Dentapreg® BUNDLE is a medical device intended for the production of short and long-term temporaries in the posterior section of the tooth using an indirect method.

Contraindication

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

Safety measures

- During application, it is recommended to use powder-free latex or nitrile 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.

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.