

Dentapreg® MESH

Dentapreg® MESH is compatible with all heat-cured and cold-cured acrylic resins. The product can therefore be used for denture repairs as well.

Instructions for use REINFORCEMENT OF A REMOVABLE DENTURE

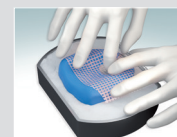
- 1) Prepare a stone model using a standard procedure used for removable dentures manufacturing.



- 2) Remove Dentapreg® MESH from the bag, place on the provided parchment paper, put it in an oven or a dryer pre-heated to 140 °C / 290 °F. Take it out after 90 seconds. You can use an iron instead of an oven. Cover the mesh with parchment paper and iron it for approx. 5-10 seconds. The heated mesh becomes pliable.



- 3) Remove the mesh from the parchment paper and adapt it immediately on the stone model. Wait until it cools down and maintains the desired shape.



- 4) Cut the adapted mesh to the required shape with regular scissors.

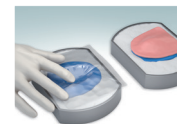


- * shape of the adapted mesh for the lower jaw.



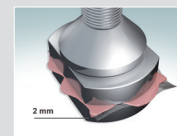
- 5) Apply a layer of acrylic resin dough on the half of the flask with teeth.

- 6) Cover the stone model with the provided transparent foil.

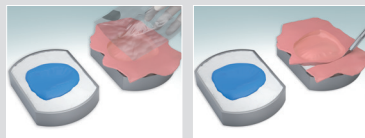


- 7) Close the flask.

- 8) Place the flask under the press. Do not press it all the way, just so that the layer of excess acrylic dough coming out is approximately 1 - 2 mm thick.

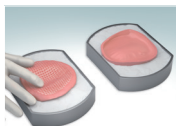


9) Take the flask out of the press, open it and take the foil out.



10) Cover the stone model with a thin layer of acrylic dough.

11) Place the shaped Dentapreg® MESH into this layer. Make sure that the acrylic dough is spread under the whole surface area of the mesh.

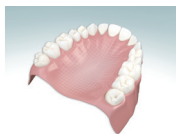


12) Close the flask and put it under the press.



13) Heat cure it according to the dough manufacturer's instructions.

14) Remove the denture and finish it in the usual manner.



Basic Description:

The medical device (MD) Dentapreg® MESH is a reinforcing material used in prosthodontics. It is a mesh consisting of braided glass fibres with surface treatment and impregnated with acrylic polymer matrix.

Intended Purposes of Use:

The medical device (MD) Dentapreg® MESH is intended for reinforcement and repair of full and partial removable acrylic dentures.

Contraindications:

In rare cases, the use of MD can be associated with allergic reaction. Use of Dentapreg® MD is contraindicated in patients known to be allergic to any of the components in Dentapreg® products (particularly to methacrylate monomers and polymers).

Safety Measures:

- It is highly recommended to use powder-free latex or nitrile gloves when manipulating with the reinforcement.

- The reinforcement must be entirely covered with acrylic resin.

- Pay special attention when working with heat producing equipment (oven, iron, polymerisation oven).

- Inform your patient that in case of mechanical failure (delamination, fracture, exposed reinforcing fibres etc.), it is no longer possible to use the denture in order to prevent soft tissues damaging.

- Inform your patient about the necessity to strictly comply with hygienic measures.

- Inform your patient that in case of allergic reaction or any biological effect, it is necessary to seek immediate medical help.

- Follow the instructions indicated in the manufacturer's instructions for use during the preparation, curing and finishing the resin denture base.

- Inform your patient that in case of any adverse event, it is necessary to immediately inform the attending doctor, the manufacturer and competent authorities for medical devices.

Important notifications:

- Do not use the product after the indicated date of expiration.

- The product is intended for single use only.

- Do not use the product in case of contamination or other type of damage.

- Do not use the product if protective packaging is damaged.

- The product must be destroyed before disposing. Ensure certified product disposal.

- The target group of patients is not limited and corresponds to the prevalence of the condition.

Compatibility Information:

MD Dentapreg® MESH is compatible with acrylic resins intended for preparation of bases and repair of full and partial removable dentures. The product is compatible with radical induced polymerization resins (both heat-cured and cold-cured resins).

Storage:

MD Dentapreg® MESH can be stored long-term at temperatures ranging from 4–25°C in intact primary packaging out of reach of direct light. Do not expose to temperatures higher than 25°C for a long term. The expiration date is 3 years after the date of manufacture. Do not use after the expiration date indicated on the packaging.

Additional Information:

The product is intended for use by a dental technician only. Always use according to the instructions of use and in accordance with the intended purpose of use. ADM, a.s. is not liable for damages caused by non-compliance with the indicated procedure or due to the use outside the defined indication range. Find the product composition in the MSDSs available at adm.dental/dentapreg or on request from the supplier of the medical device.

Manufacturer:

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adm.dental/dentapreg

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