

Product information

HeyTec-Temp esthetic is an automatically mixed two component material in cartridges based on multifunctional methacrylic esters.

HeyTec-Temp esthetic is a very easy and comfortable material for creating short- and long-term temporary crowns or bridges, inlays, onlays and veneers. Because of its flexibility, the material is especially suitable for longer bridge spans.

HeyTec-Temp esthetic shows fluorescence in UV-light.

HeyTec-Temp esthetic is free of methyl methacrylate. Its temperature derived while curing is lower than 40 °C. As a temporary crown or bridge it protects the prepared teeth against external influences and preserves the occlusion. It shows increasing transverse strength, good abrasion resistance and low polymerization shrinkage. It fits perfect. Showing good polishability, good color stability and fluorescence it looks perfect.

If **HeyTec-Temp esthetic** breaks - which may happen with acrylics - it is easy to repair. Cured material can be repaired with any natural or light cure composite building up again a chemical link. In nearly every property HeyTec-Temp esthetic is superior to the common materials based on monomer/polymer systems. It allows thin edges and production of longer bridge spans.

1. INDICATIONS

For creating short- and long-term temporary crowns or bridges, inlays, onlays and veneers.

2. INTERACTIONS

HeyTec-Temp esthetic temporary crowns or bridges preferably should be cemented with an eugenol-free temporary cement . In case of using eugenol-containing cements it should be considered that later used acrylate based cements could be hindered in hardening (inhibition of curing reaction by traces of remained eugenol).

3. PREPARATION

Before preparing of stumps or before a planned extraction of a tooth a situation impression is made by addition curing silicones (long storage stability!) or by alginates. Interdental areas are carved out, in molar areas with teeth absent it may be necessary to cut a groove in the impression between the abutments to create a bridge-like connection between the tooth units.

Note: In the silicone impression block out undercuts and if necessary cut groves into the impression.

The turn cap of the cartridge is taken off and thrown away (do not use it again!). It is substituted by the supplied mixing cannula by attaching it with a sideways turning movement, locking the cannula in place. The initial extrusion from the mixing cannula (about the size of a pea) should be discarded. Then the following mix will be perfect. This must be done for each new mix. The application gun is loaded with the prepared cartridge and is ready for application.

Leave the used mixing cannula on the cartridge. It serves as a cap.

3. APPLICATION AND CURING

HeyTec-Temp esthetic is automatically mixed when dispensed with slight and even pressure directly into the situation impression made before. Filling should occur from bottom upward to prevent voids.

Forming of the temporary crowns or bridges

- a. Load the situation impression with HeyTec-Temp esthetic.
- b. Seat the impression onto the prepared areas of the teeth. Step a and b must be done within 50 seconds (working time).
- c. After 1-2 minutes (setting time in mouth) the material shows a hardened but still elastic condition and can be removed from the teeth (alternatively: 3-4 minutes setting time on the model).

Note: The temporary crown and bridge substitute can only be removed without destruction during the elastic state.

Post curing and finishing

After removal of the temporary crown or bridge from the impression (or from the tooth preparation) excess material and proximal undercuts are removed. Preferably, the temporary is then post cured in warm (45°C - 55°C) water (e.g. in a hot cure polymerization device). If this is not possible or not desired, after 6 minutes from beginning of application the temporary acrylic can be worked out with rotary instruments and can be polished to high gloss.

Do not breathe polishing dust; use suitable mouth protective device or aspiration!

Note: The oxygen inhibited smear layer on the surface caused by the acrylic system can not be fully avoided and should be removed before working out. It can easily be removed by alcohol or other suitable solvents.

Repairs

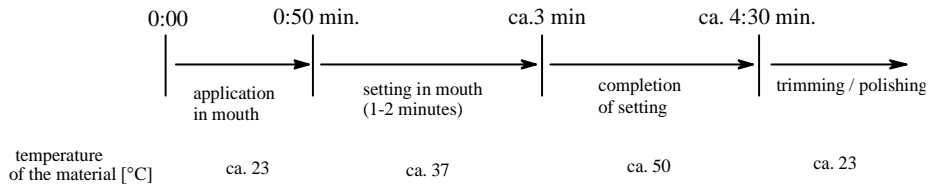
HeyTec-Temp esthetic temporaries show high mechanical strength. However, if a temporary breaks the following procedures are recommended:

- a. Fracture shortly after production
Both ends of the fracture are refixed with freshly extruded HeyTec-Temp esthetic.
- b. Fracture of longer existing temporary

The areas of fracture are cleaned and roughened and provided with some mechanical retentions. Thus prepared, the fractured areas can be joint with freshly extruded HeyTec-Temp esthetic. To enhance the curing place for some minutes in warm water.

Tip: Non hardened HeyTec-Temp esthetic can easily be removed with alcohol or other suitable solvents.

Time Table of Application and curing of HeyTec Temp



If the completion of setting takes place at room temperature, trimming / polishing could be done not before after 6 minutes (from start of mixing)

4. STORAGE

Do not store above 25 °C!

HeyTec-Temp esthetic shall not be used after expiry date!

Keep away from children!

5. PRECAUTIONS

HeyTec-Temp esthetic is free of methyl methacrylate but contains other acrylates.

With susceptible patients, sensitization to HeyTec-Temp esthetic cannot be excluded. HeyTec-Temp esthetic should not be used any more, if allergic reactions are observed. Do not use for patients with allergic reactions against acrylates.

Avoid contact with skin, mucous membrane and eyes. If the material comes into contact with skin, immediately wash with water and soap. If the material comes into contact with eyes, immediately rinse with copious amounts of water and seek medical advice if required.

For dental use only!

6. PACKAGING AND REFERENCE NUMBER

1 cartridge 50 ml 10 x mixing tips	HE056 - A2
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Manufacturing

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Sales

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Made in Germany!

CE 0482