



Quicktemp Cosmetic Glaze & Bond

Instructions for Use

PRODUCT DESCRIPTION

Methacrylate-based Quicktemp Cosmetic Glaze & Bond is used as a sealant and for repairing provisional crowns and bridges as well as for coating custom impression trays and orthodontic plates. In addition, it is used as a primer/bonding agent for indirect restorations composed of PEEK, composites, and PMMA and as a bonding agent for lining dentures with methacrylate-based lining materials.

INDICATIONS

- Dental cases that require the manufacture of provisionals.
- Dental cases that require the production of indirect restorations, orthodontic appliances and dentures made of PMMA, composites or PEEK.

CONTRA-INDICATIONS

Do not use the material where there are contact allergies or known allergies to any of the components.

INTENDED PURPOSE

- Sealing and repair of provisional crowns and bridges as well as custom impression trays and orthodontic plates.
- As a primer/bonding agent for indirect restorations composed of PEEK, composites and PMMA and for methacrylate-based lining materials.

LIMITATIONS OF USE

- Quicktemp Cosmetic Glaze & Bond is not suitable as a dentine or enamel adhesive.
- Do not use for long-term applications (e.g. varnishing of denture materials)

INTENDED USERS

Dentist, dental technician and dental assistant staff.

PATIENT TARGET GROUP

Persons receiving treatment as part of a dental procedure.

RECOMMENDED USE

For surface sealing:

1. Apply Quicktemp Cosmetic Glaze & Bond as a thin film to the surface to be sealed and allow it to take effect for 20 s.
2. Cure the material as follows to prevent the formation of an oxygen inhibition layer:
 - Cure the material for each abutment or for each crown with the specified devices and times (see technical data)

- When using a polymerization unit, the specified light-curing times (see technical data) are applicable for the entire restoration.

For the repair of provisionals:

1. When the product is to be applied as a bonding agent, prepare the surface to be repaired with a bur.
2. Apply Quicktemp Cosmetic Glaze & Bond as a thin film to the prepared surface.
3. Expose the material per pontic for 40 s at a light intensity of $\geq 600 \text{ mW/cm}^2$ or for 20 s at a light intensity $\geq 1000 \text{ mW/cm}^2$ with a halogen or LED light. Alternatively cure the entire restoration for at least 90 s in a dental polymerization unit (see technical data).
4. Apply a freshly mixed provisional material or a light-curing composite to the respective area. Follow the instructions for use for the material used.

As a primer / bonding agent for indirect restorations:

1. Prepare the restoration according to manufacturer's specifications.
2. Apply a thin layer of the material to the relevant surfaces without causing any air bubbles to form. Expose the restoration for 40 s at a light intensity of $\geq 600 \text{ mW/cm}^2$ or for 20 s at a light intensity of $\geq 1000 \text{ mW/cm}^2$ with a halogen or LED light.
3. Lute the restoration with a suitable adhesive dual- or self-curing composite luting cement according to the manufacturer's instructions.

As a primer / bonding agent for methacrylate-based denture lining materials:

1. Prepare the denture according to manufacturer's instructions.
2. Apply a thin layer of Quicktemp Cosmetic Glaze & Bond to the relevant surfaces avoiding the formation of any air bubbles. Expose the material for 40 s at a light intensity of $\geq 600 \text{ mW/cm}^2$ or for 20 s at a light intensity of $\geq 1000 \text{ mW/cm}^2$ with a halogen or LED light.
3. Apply the lining material according to the manufacturer's instructions.

TECHNICAL DATA

Wavelength LED/halogen lamp	approx. 450 nm
Exposure time LED/Halogen	40 s with a light intensity of $\geq 600 \text{ mW/cm}^2$ 20 s at a light intensity of $\geq 1000 \text{ mW/cm}^2$
Wavelength UV polymerization unit	approx. 380 nm
Exposure time for the UV polymerization unit	90 - 180 s

INSTRUCTIONS FOR USE

- Light-curing units should emit at 380 nm or 450 nm and should be checked regularly. The light intensity should be at least 600 mW/cm².
- Place the light-curing lamp as close as possible to the material.
- Follow the instructions for use for other materials that you use in conjunction with Quicktemp Cosmetic Glaze & Bond.
- Quicktemp Cosmetic Glaze & Bond also bonds to teeth and films made of polycarbonate and polyacetate.
- Quicktemp Cosmetic Glaze & Bond is light-sensitive and volatile. To avoid a premature polymerization from ambient light or evaporation of the methacrylate, the bottle should be closed again immediately after use. The bottle's screw thread closure should be cleaned on occasion with a dry cloth to allow for easy opening.

INTERACTIONS

Avoid moisture, oily air and materials containing eugenol. These can inhibit polymerization at the contact point.

RESIDUAL RISKS/SIDE EFFECTS

There are no known side effects to date. The residual risk of hypersensitivity to components in the material cannot be ruled out.

WARNINGS/PRECAUTIONS

- Avoid contact with materials containing eugenol.
- Keep out of the reach of children.
- For dental use only.

- Avoid contact with the skin. In the event of accidental skin contact, immediately wash the affected area thoroughly with soap and water.
- Avoid contact with eyes. In the event of accidental contact with the eyes, immediately rinse thoroughly with plenty of water and consult a physician if necessary.
- Follow the manufacturer's instructions for other products that are used with the material/materials.
- Serious incidents involving this product must be reported to the manufacturer and to the responsible registration authorities.
- Do not inhale vapors.
- Highly flammable.

PRODUCT PERFORMANCE CHARACTERISTIC

Creates a protective film on acrylic surfaces. Bonding to composite, PMMA and PEEK surfaces with SBS bonding properties ≥ 10 Mpa

STORAGE/DISPOSAL

Store in a dry place at 2 to 25 °C (36 to 77 °F)

COMPOSITION

MMA, DPPA, vinyl ester resin, BAPO, MMHE, polymeric aminobenzoate derivative, additives.

PACKAGING

REF 0770

1 Bottle @ 5 ml

