

Prior to use, carefully read  
the instructions for use.  
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## GC KommonBase™

LIGHT-CURED FLOWABLE RESIN FOR ORTHODONTICS

For use only by a dental professional in the indications for use.

### INDICATIONS FOR USE

Fabricating resin base for bracket

**CONTRAINDICATIONS**  
Avoid use of this product in patients with known allergies to methacrylate monomer or methacrylate polymer.

### COMPOSITION

HV  
Dimetakrilát, barium glass, silicon dioxide, phosphoric acid ester monomer, initiator, pigment, stabilizer

LV  
Dimetakrilát, barium glass, phosphoric acid ester monomer, silicon dioxide, initiator, pigment, stabilizer

DIRECTIONS FOR USE

A. MODEL AND BRACKET PREPARATION  
1. Setup the stone model to facilitate the removal of GC KommonBase from the stone model.

2. Make sure the bracket is seated and handled according to the manufacturer's instructions.

Place the brackets to the reference wire.

### B. SYRINGE PREPARATION

1. Hold the syringe upright and remove the cap by turning counter-clockwise.

2. Gently and securely attach the dispensing tip to the syringe by turning clockwise.

3. Remove the protective cover until use.

Note:  
Take care not to attach the dispensing tip too tightly.  
This may damage its screw. In order to ensure a tight connection make sure that the threads are free of remaining material.

### C. FABRICATION OF RESIN BASE

Release cover from the dispensing tip.

Prior to syringe modeling, make sure that dispensing tip is securely attached to the syringe. Any possible damage caused by firmly pushing forward the syringe plunger will be remedied by the tip pointing upwards until material reaches the opening of the tip (Fig. 2).

2. Remove the dispensing tip and excess material. If plugged, remove the dispensing tip and extrude a small amount of material directly from the syringe.

3. Place the GC KommonBase paste to the adhering surface of bracket and spread with a brush to the resin base.

4. Position the brackets with the paste onto the setup stone model. Light cure the paste with the brackets located on the stone model. The irradiation time is 10 seconds for each bracket using an LED light curing device (>500 mW/cm², 460-480 nm).

Note:  
It is very important that the curing light is tested periodically to ensure a good curing light output.

6. Add the GC KommonBase to the orthodontic appropriate instrument and extend the resin base on the stone model. Be careful not to excessively thicken the base.

7. Light cure the extended resin base 10 seconds from each side with an LED light curing device (>500 mW/cm², 460-480 nm).

8. Detach the brackets with the resin base from the stone model using tweezers. Remove each bracket from the reference wire.

9. Clean the adhesive surface to ensure a good light output.

10. Add the GC KommonBase to the orthodontic appropriate instrument and extend the resin base on the stone model. Be careful not to excessively thicken the base.

11. Light cure the extended resin base 10 seconds from each side with an LED light curing device (>500 mW/cm², 460-480 nm).

12. Remove the orthodontic appropriate instrument.

13. Extend the resin base on the stone model.

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