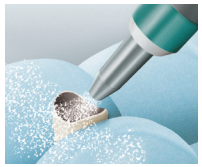
3M Science. Applied to Life.™

PFM Crown Cementation

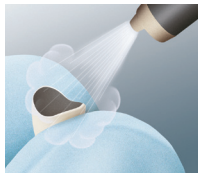
Simple Steps for 3M™ RelyX™ Luting 2 Resin Modified Glass Ionomer Cement

Prepare restoration.

Step 1
Sandblast surfaces to be cemented with 30 or 50 micron aluminum oxide at a pressure of 2 Bar (30 psi) to create a matte surface appearance.

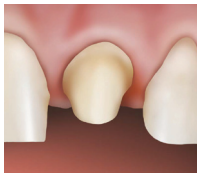


Step 2
Clean with alcohol and air dry with oil-free air.



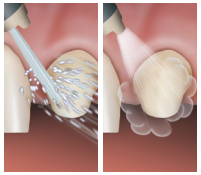
Pretreat tooth.

Step 3
Remove provisional restoration. Mechanically clean prepared tooth (e.g. with pumice paste).

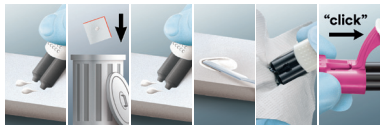


Tip: *Make sure any residue (temporary cement, desensitizers, astringents, disinfectants, etc.) is completely removed. Do not use H_2O_2, EDTA or Na_2CO_3.*

Step 4
Rinse and lightly dry. Leave tooth surface moist. Do not over dry the tooth. Over drying can lead to post operative sensitivity.



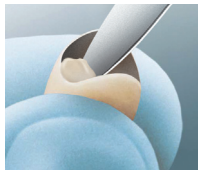
Apply cement.



Step 5
- Dispense a small amount of cement to ensure even dispensing
- Discard this material
- Apply two clicks of the cement pastes onto a mixpad
- Hand mix with a spatula until a homogeneous mix is obtained
- Wipe the Clicker barrels independently to avoid contamination of the material and premature setting
- Ensure that the cap is put firmly in place (clicking sound).

Tip: *For a crown, typically two clicks would be needed.*

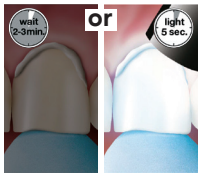
Step 6
Apply a thin layer of cement to the inside surface of the restoration.



Seat and Clean-up.

Step 7
Firmly seat the crown with finger pressure.

Step 8
Excess cement can be removed 2 minutes after seating the restoration or after tack light curing 5 seconds per surface.

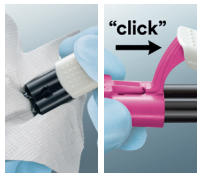


Step 9
Remove excess cement with a scaler while holding the crown in place.

Step 10
Set time is 5 minutes after placement in the mouth. Finish restoration and adjust occlusion.

Storage.

Step 11
- Wipe the Clicker barrels independently to avoid contamination of the material and premature setting
- Ensure that the cap is put firmly in place (clicking sound).



Tip: *To prevent premature curing and drying of the paste, be sure to follow recommended cleaning and storage steps. Ideal storage is normal ambient room temperature of 18–24°C.*

For further reference, please refer to Instructions for Use, Step-by-Step Card and Frequently Asked Questions.

3M Oral Care, 2510 Conway Avenue, St. Paul, MN 55144-1000 USA Phone: 1-800-634-2249 Web: 3M.com/dentalcements

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Zirconia Crown Cementation

Simple Steps for 3M™ RelyX™ U200 Self-Adhesive Resin Cement

Prepare restoration.

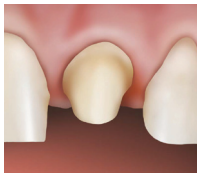
Step 1
Sandblast surfaces to be cemented with 30 or 50 micron aluminum oxide at a pressure of 2 Bar (30 psi) to create a matte surface appearance.

Step 2
Clean with alcohol and air dry with oil-free air.

***Tip:** If sandblasting is done in laboratory before try-in, clean saliva contamination with NaOCl (ca. 5%) and rinse with water. Do not use phosphoric acid for cleaning.*

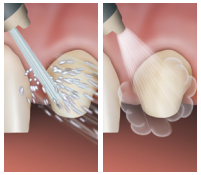
Pretreat tooth.

Step 3
Remove provisional restoration. Mechanically clean prepared tooth (e.g. with pumice paste).

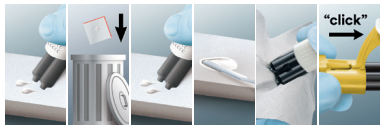


***Tip:** Make sure any residue (temporary cement, desensitizers, astringents, disinfectants, etc.) is completely removed. Do not use H_2O_2, EDTA or $NaHCO_3$.*

Step 4
Rinse and lightly dry. Leave tooth surface moist. Do not over dry the tooth. Over drying can lead to post operative sensitivity.



Apply cement.



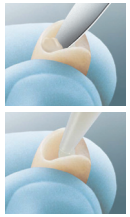
Step 5 — For Clicker Delivery:
- Dispense a small amount of cement to ensure even dispensing
- Discard this material
- Apply two clicks of the cement pastes onto a mixpad
- Hand mix with a spatula until a homogeneous mix is obtained
- Wipe the Clicker barrels independently to avoid contamination of the material and premature setting
- Ensure that the cap is put firmly in place (clicking sound).

***Tip:** For a crown, typically two clicks would be needed.*

Step 5
For Automix Delivery:
Dispense a small amount of cement onto the mixpad to ensure a perfect mix. Discard this material.

Step 6
For Clicker Delivery:
Use the mixing spatula to apply the cement into the crown.

For Automix Delivery:
Dispense cement directly into the crown.



Seat and Clean-up.

Step 7
Firmly seat the crown with finger pressure.

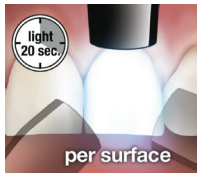
Step 8
Tack cure for 1–2 seconds per surface.

Step 9
Remove excess cement with a scaler while holding the crown in place.

***Tip:** Do not exceed recommended tack cure time, otherwise clean-up will be difficult. For a controlled curing time, use 3M™ Elipar™ S10 LED Curing Light or 3M™ Elipar™ DeepCure-S LED Curing Light tack curing function.*

Final cure.

Step 10
Light cure for 20 seconds per surface or wait 6 minutes from start of mix for dark cure. Finish and polish as needed.



Finished crown.

For further reference, please refer to Instructions for Use, Step-by-Step Card and Frequently Asked Questions.

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