

3M Science.
Applied to Life.™

Zirconia Crown Cementation



Made Easy with
RelyX™ Unicem 2 Automix
Self-Adhesive Resin Cement



**Prepare
restoration.**



Step 1

Sandblast the restoration with aluminum oxide after try-in (Max 2 bar or 30 PSI, particle size $\leq 40\mu\text{m}$).



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 Na_2CO_3 .

**Apply
cement
and seat.**



Step 4

Discard a small amount of cement onto the mix-pad to ensure a perfect mix.



Step 5

Dispense cement directly into the crown.



Step 6

Firmly seat the crown with finger pressure.

Clean up.



Step 7

Tack cure for 1–2 seconds.



Step 8

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 Elipar™ S10 LED Curing Light or Elipar™ DeepCure-S LED Curing Light tack curing function.

Final cure.



Step 9

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.



3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000 USA

Phone 1-800-634-2249
www.3mespe.com

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3M Science.
Applied to Life.™

Glass Ceramic Crown Cementation



Made easy with
**RelyX™ Ultimate Adhesive Resin
Cement in the Automix Syringe**



**Prepare
restoration.**



Step 1

Etch with hydrofluoric acid after try-in.



Step 2

Rinse with water.



Step 3

Air dry with oil-free air.



Step 4

Apply Scotchbond™ Universal Adhesive to the bonding surface and rub it in for 20 seconds.



Step 5

Air thin with oil-free air for 5 seconds until the solvent is evaporated and no more ripples are observed.



Tip:

Cover-up prepared crown with an orange colored daylight screen until it is inserted (to avoid unintentional light curing taking place)



**Pretreat
tooth.**



Step 6:

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



Step 7 (Optional):

(Selective) Etch with phosphoric etching gel, rinse with water and lightly air dry with oil-free air.



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 8

Apply Scotchbond™ Universal Adhesive to the bonding surface and rub it in for 20 seconds.



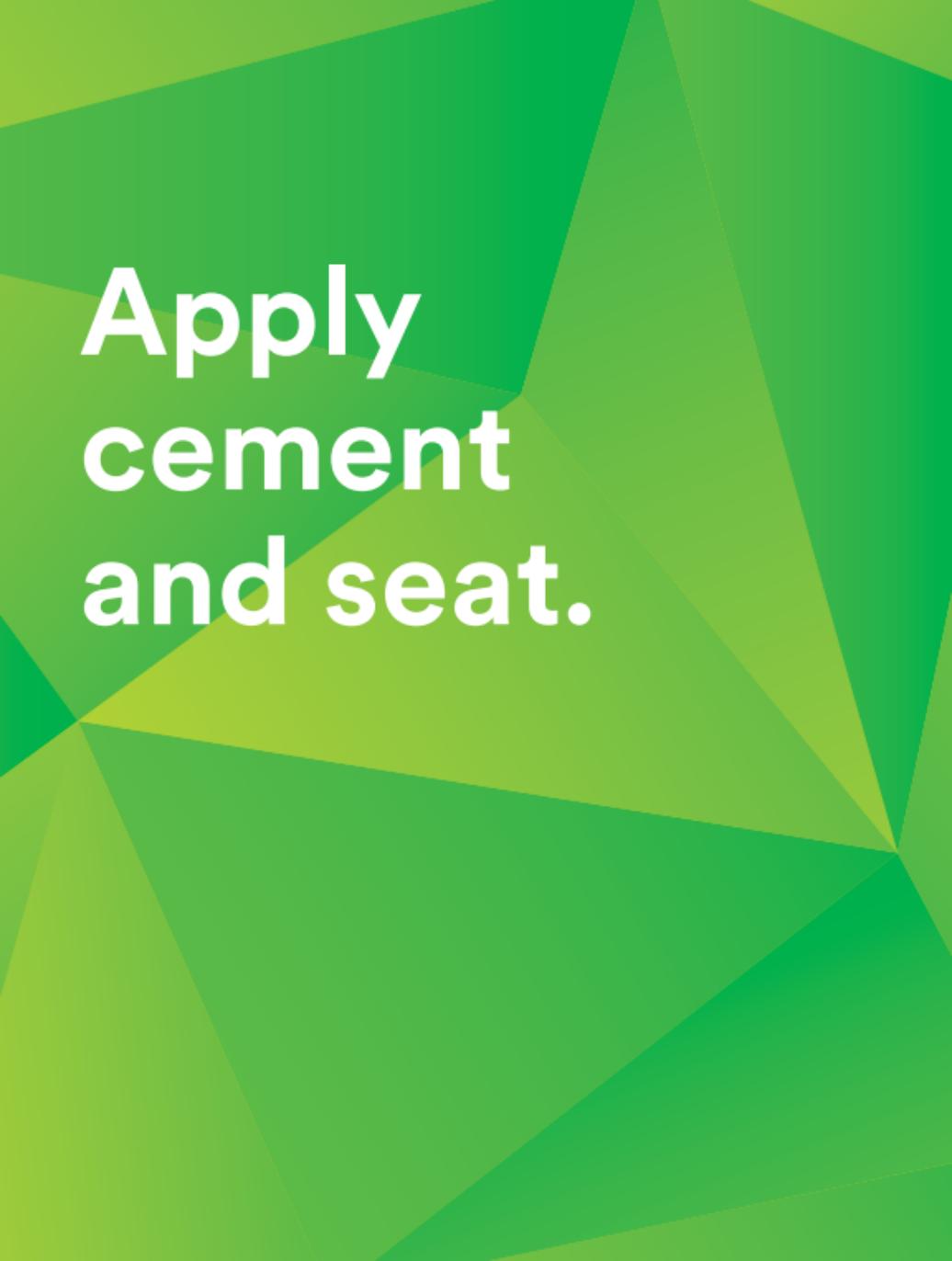
Step 9

Air thin with oil-free air for 5 seconds until the solvent is evaporated and no more ripples are observed. Avoid pooling.



Step 10 (Optional)

Light cure Scotchbond™ Universal Adhesive for 10 seconds.

The background consists of several overlapping, semi-transparent green triangles of various shades, creating a complex, abstract geometric pattern. The colors range from a bright, vibrant green to a slightly darker, more muted green.

**Apply
cement
and seat.**



Step 11

Discard a small amount of cement onto the mix-pad to ensure a perfect mix.



Step 12

Dispense cement directly into the crown.



Step 13

Firmly seat the crown with finger pressure.

The background consists of several overlapping, semi-transparent triangles in various shades of green, ranging from light lime green to a darker forest green. The triangles are arranged in a way that creates a complex, layered geometric pattern.

Clean up.



Step 14

Tack cure for
1–2 seconds.



Tip:

Do not exceed recommended tack cure time, otherwise clean up will be difficult.

For a controlled curing time, use Elipar™ S10 LED Curing Light or Elipar™ DeepCure-S LED Curing Light tack curing function.

Alternatively, remove excess in soft stage and apply glycerin gel before final cure to avoid oxygen inhibition layer.



Step 15

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



Step 16

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.