

## Restorative Z100

Isolate tooth with rubber dam. Remove caries/old restoration. Complete preparation.

## Lining:



- Mix and apply 3M™ Vitrebond™ light cure glass ionomer liner/base.
- Light cure for 30 seconds.

## Apply the 3M™ Scotchbond™ multi-purpose dental adhesive system:



OR



## Etch:

- Apply Scotchbond etchant to enamel and dentin—wait 15 seconds.
- Rinse.
- Remove excess water with an air syringe or by blotting. Leave moist.



## Prime:

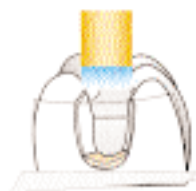
- Apply Scotchbond multi-purpose primer to enamel and dentin.
- Dry gently for 5 seconds (*no waiting*). Surface will appear shiny.



## Bond:

- Apply Scotchbond multi-purpose adhesive to enamel and dentin.
- Light cure for 10 seconds.

**Place and light cure 3M Restorative Z100 incrementally:**



Place matrix band, wedge and small first increment.



Continue incremental placement.



For optimum wear resistance, cure final increment for 60 seconds.

After removal of matrix band, proximal curing is recommended.



**Recommended Cure Times**

Shade	Thickness (mm)	Cure Time (sec)
A 2.0, 3.0, 3.5	2.5	40
B 2.0, 3.0	2.5	40
C 2.0	2.5	40
D 3.0	2.5	40
P	2.5	40
I	2.5	40
A 4.0	2.0	40
CY	2.0	40
CG	2.0	40

## Finish and polish. Check occlusion.

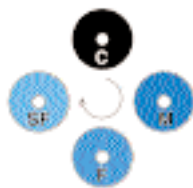


Use finishing burs and diamonds for the occlusal surface.



Use 3M™ Sof-Lex™ discs for the buccal and lingual surfaces.

Use Sof-lex finishing and polishing strips interproximally.



Finish: Coarse

Optimal Polish: medium, fine, superfine



Check occlusion and adjust as needed.

***Shade Correlation to  
3M™ Silux Plus™ Restorative***

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Silux Plus		Restorative Z100
G	≈	C2
DG	<i>is</i>	Darker than C4
XL	≈	P
L	<i>is</i>	Lighter than B1, A1
U	≈	A3
DDYO	<i>is</i>	More orange than A4
Y	<i>is</i>	A3.5 with pink
DY	≈	A4
YB	<i>is</i>	Darker than B4
I	≈	I