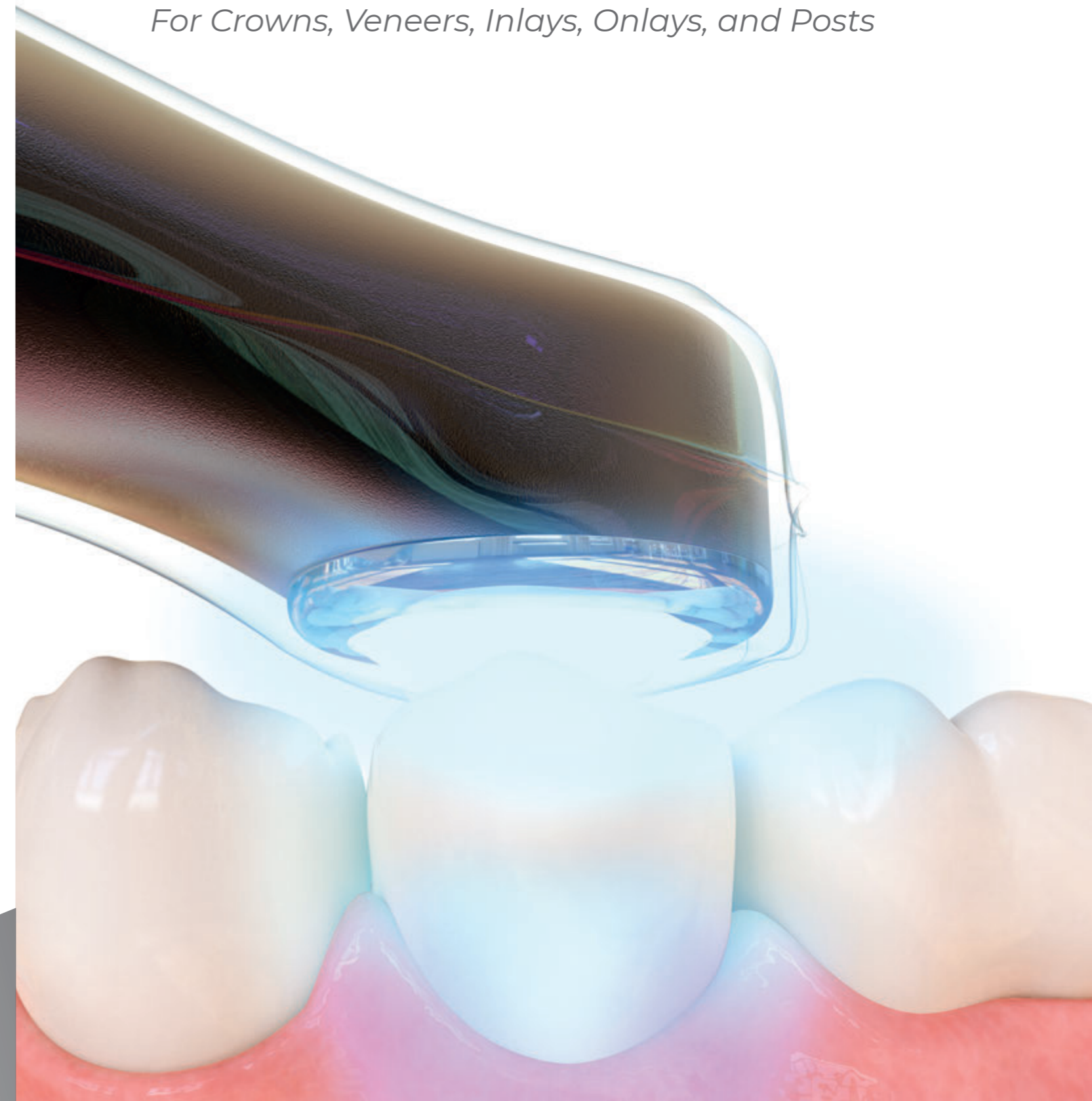


Ultradent Products RECOMMENDED CEMENTATION GUIDE

For Crowns, Veneers, Inlays, Onlays, and Posts



5135 - Peak SE Primer Syringe 4pk
1.0 ml syringes



163 - Ultra-Etch Kit
4 x 1.2 ml syringes
20 x Blue Micro tips



167 - Ultra-Etch Econo Kit
20 x 1.2 ml syringes
40 x Blue Micro tips



4553 - Peak Universal Bond Syringe 4pk
4552 - Peak Universal Bond Syringe 20pk
1.2 ml syringes



4543 - Peak Universal Bond Bottle 1pk
4 ml bottle



2464 - Peak-ZM Zirconia Primer Syringe Kit
2 x 1.2 ml Peak-ZM syringes
20 x Black Mini Brush tips



405 - Porcelain Etch Syringe Kit
2 x 1.2 ml Porcelain Etch syringes
2 x 1.2 ml Silane syringes
20 x Black Mini Brush tips
20 x Inspiral Brush tips



2058 - UltraCem SpeedMix Syringe 2pk
2057 - UltraCem SpeedMix Syringe 20pk
0.3 g syringes



2056 - UltraCem Liquid-Powder Bottle Kit
1 x 15 g bottle of powder
1 x 8.6 ml bottle of liquid
1 x Mixing pad
1 x Measuring spoon
1 x Spatula

REFRIGERATE



PermaShade LC Syringe 4pks

Shade	4pk	Shade	4pk
A2	5229	Translucent	5227
B1	5230	Opaque White	5228

0.95 g syringes

REFRIGERATE



PermaFlo DC Syringe Kits

Shade	Kit	Shade	Kit
A2	5912	Translucent	5914
A3.5	5913	Opaque White	5915

1 x 5 ml PermaFlo DC syringe
20 x Mixing tips
20 x Intraoral tips

Ultradent Products Inc. Recommended Cementation Guide*

Lithium Disilicate GOOD mechanical retention preparation	
Prosthetic Treatment (Crown, Onlay)	
Ultra-Etch™ 35% phosphoric acid etchant for 5 seconds to clean	
Rinse and dry	
Tooth Treatment	
Use hemostatic if needed.	
Optional: For 2X strength, follow next four steps	
Puddled coat of Peak™ Universal Bond adhesive	
Scrub for 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO™ curing light on Standard Power mode	
Cement	
Cement with RMGI - UltraCem™ cement	

Zirconia and Metal GOOD mechanical retention preparation	
Prosthetic Treatment (Crown, Onlay)	
Do Not Etch	
Sandblast with 50 micron aluminum oxide at 50–80 PSI and air clean	
Do Not Rinse	
Do Not Prime	
Tooth Treatment	
Use hemostatic if needed.	
Optional: For 2X strength, follow next four steps	
Puddled coat of Peak Universal Bond adhesive	
Scrub for 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Cement	
Cement with RMGI - UltraCem cement	

Feldspathic Ceramic	
Prosthetic Treatment (Veneer)	
Ultradent™ Porcelain Etch 9% hydrofluoric acid for 90 seconds	
Rinse	
Ultra-Etch 35% phosphoric acid etchant for 5 seconds to clean	
Rinse and dry	
Ultradent™ Silane for 60 seconds	
Dry	
Tooth Treatment	
Use hemostatic if needed.	
Total Etch - If Mostly In Enamel	Self Etch - If Mostly In Dentin
Ultra-Etch 35% phosphoric acid etchant for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommend - Consepsis™ Solution 15 seconds / Suction excess off	
Puddled coat of Peak Universal Bond adhesive	
Scrub 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Hydrophobic Luting	
If light accessible and not overly opaque, cement with PermaShade™ LC resin otherwise cement with PermaFlo™ DC resin	
Tack cure if desired to clean margins, then finish cure.	

Post Bonding Guide	
1	Choose UniCore™ Drill and UniCore™ Post size. Set stop depth.
2	Drill post preparation and verify that post seats to length. Wipe post with isopropyl alcohol.
3	Ultra-Etch 35% phosphoric acid etchant for 15 seconds. Deliver with Endo-Eze™ 22 ga tip.
4	Rinse with TriAway™ Adapter and Endo-Eze 22 ga tip from bottom of post space. Leave slightly damp.
3	Self etch technique Peak SE Primer with NaviTip™ FX™ 30 ga tip for 20 seconds with agitation.
4	Blow out excess primer from bottom of post space with TriAway Adapter and 22 ga Endo-Eze tip.
5	Apply Peak Universal Bond adhesive with NaviTip FX30 ga tip for 10 seconds with agitation.
6	Blow aggressively from bottom of post space with TriAway Adapter and 22 ga Endo-Eze tip.
7	Light cure 20 seconds with VALO curing light on Standard Power mode (PointCure™ tip not necessary).
8	Re-verify that post will seat.
9	Load PermaFlo™ DC resin into Skini Syringe and attach Endo-Eze 20 ga tip.
10	Deliver cement from bottom of the post space up.
11	Insert post to length.
12	Light cure 20 seconds (PointCure tip not necessary). Chemical set is 5 to 8 minutes.

Lithium Disilicate POOR mechanical retention preparation or thin prosthesis	
Prosthetic Treatment (Veneer, Crown, Inlay, Onlay)	
Ultradent Porcelain Etch 9% hydrofluoric acid for 90 seconds	
Rinse	
Ultra-Etch 35% phosphoric acid etchant for 5 seconds to clean	
Rinse and dry	
Ultradent™ Silane for 60 seconds	
Dry	
Tooth Treatment	
Use hemostatic if needed.	
Total Etch - If Mostly In Enamel	Self Etch - If Mostly In Dentin
Ultra-Etch 35% phosphoric acid etchant for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommend - Consepsis Solution 15 seconds / Suction excess off	
Puddled coat of Peak Universal Bond adhesive	
Scrub 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Hydrophobic Luting	
If light accessible and not overly opaque, cement with PermaShade LC resin otherwise cement with PermaFlo DC resin	
Tack cure if desired to clean margins, then finish cure.	

Zirconia and Metal POOR mechanical retention preparation	
Prosthetic Treatment (Veneer, Crown, Inlay, Onlay)	
Do Not Etch	
Sandblast with 50 micron aluminum oxide at 50–80 PSI	
Do Not Rinse	
Peak™-ZM primer	
Air dry	
Tooth Treatment	
Use hemostatic if needed.	
Total Etch - If Mostly In Enamel	Self Etch - If Mostly In Dentin
Ultra-Etch 35% phosphoric acid etchant for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommend - Consepsis Solution 15 seconds / Suction excess off	
Puddled coat of Peak Universal Bond adhesive	
Scrub 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Hydrophobic Luting	
If light accessible and not overly opaque, cement with PermaShade LC resin otherwise cement with PermaFlo DC resin	
Tack cure if desired to clean margins, then finish cure.	

Composite	
Prosthetic Treatment (Veneer, Crown, Inlay, Onlay)	
Sandblast with 27 micron aluminum oxide at 35–45 PSI	
Peak Universal Bond adhesive	
Aggressive air thin	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Tooth Treatment	
Use hemostatic if needed.	
Total Etch - If Mostly In Enamel	Self Etch - If Mostly In Dentin
Ultra-Etch 35% phosphoric acid etchant for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommend - Consepsis Solution 15 seconds / Suction excess off	
Puddled coat of Peak Universal Bond adhesive	
Scrub 10 seconds	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Hydrophobic Luting	
If light accessible and not overly opaque, cement with PermaShade LC resin otherwise cement with PermaFlo DC resin	
Tack cure if desired to clean margins, then finish cure.	



*Recommendations based on Ultradent in-house testing
Ultradent recommends against the use of self-adhesive cements. This table represents the majority of cementation needs and is a recommendation only and not intended to be all inclusive.