

Ultradent Products

RECOMMENDED CEMENTATION GUIDE

For Crowns, Veneers, Inlays, Onlays, and Posts



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

REFRIGERATE



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

REFRIGERATE



4543 - Peak Universal Bond Bottle 1pk
4 ml bottle

REFRIGERATE



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

REFRIGERATE



2463 - Peak-ZM Zirconia Primer Bottle 1pk
4 ml bottle



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 Inspiril Brush tips

REFRIGERATE



5135 - Peak SE Primer Syringe 4pk
1.0 ml 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

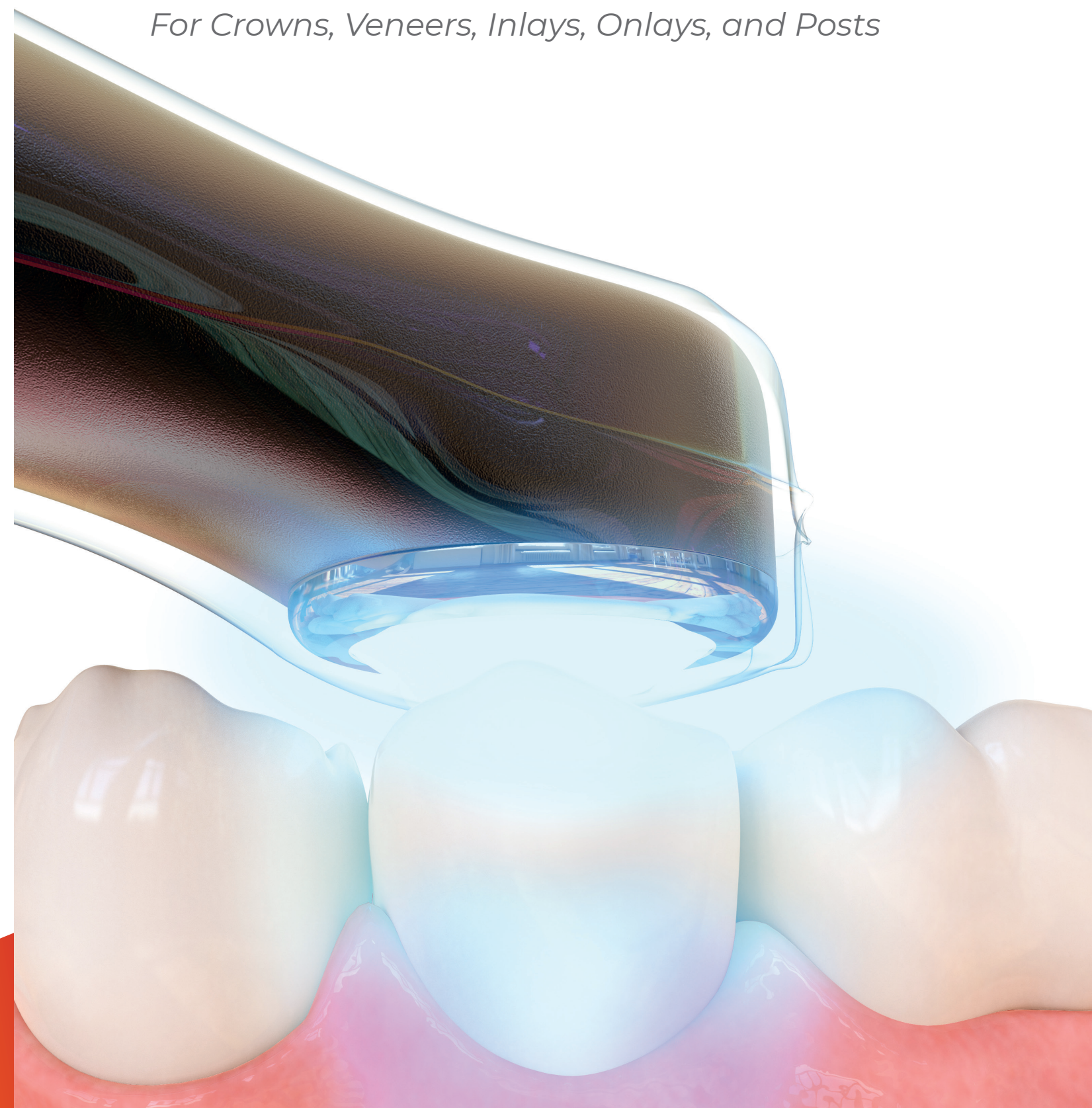
REFRIGERATE



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*

Zirconia and Metal GOOD mechanical retention preparation			
Prosthetic Treatment (Crown, Onlay)			
Do Not Etch			
Sandblast with 50 micron aluminum oxide at 50 to 80 PSI - Air Clean			
Do Not Rinse			
Do Not Prime			
Tooth Treatment			
Clean and scour with Consepis™ Scrub slurry—Use hemostatic if needed			
OPTIONAL	Total Etch—If Mostly In Enamel	OPTIONAL	Self Etch—If Mostly In Dentin
	Ultra-Etch™ 35% phosphoric acid for 15 seconds		Scrub Peak™ SE Primer for 20 seconds
	Rinse - Leave moist		Suction off excess primer
Recommended—Consepis™ solution 15 seconds / suction excess off			
OPTIONAL	Puddled coat of Peak™ Universal Bond adhesive		
	Scrub 10 seconds		
	Thin aggressively with air and vaccuum		
	Light cure 10 seconds with VALO™ curing light on Standard Power mode		
If skipping bonding agent, clean hemostatic with Ultra-Etch™ etchant for 5 seconds			
RMGI Cement			
Cement with RMGI - UltraCem™ cement			

Lithium Disilicate & Feldspathic Ceramic GOOD or BAD mechanical retention preparation	
Prosthetic Treatment (Veneer)	
Ultradent™ Porcelain Etch 9% hydrofluoric acid for 90 seconds	
Rinse	
Ultra-Etch 35% phosphoric acid for 5 seconds to clean	
Rinse and dry	
Ultradent™ Silane for 60 seconds	
Dry	
Tooth Treatment	
Clean and scour with Consepis™ Scrub slurry—Use hemostatic if needed	
Total Etch—If Mostly In Enamel	Self Etch—If Mostly In Dentin
Ultra-Etch 35% phosphoric acid for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommended—Consepis™ 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	
Resin Cement	
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	
Clean and scour with Consepis™ Scrub slurry—Use hemostatic if needed	
Total Etch—If Mostly In Enamel	Self Etch—If Mostly In Dentin
Ultra-Etch 35% phosphoric acid for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommended—Consepis™ 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)	
Ultra-Etch 35% phosphoric acid for 15 seconds	
Apply Peak Universal Bond adhesive	
Thin aggressively with air and vacuum	
Light cure 10 seconds with VALO curing light on Standard Power mode	
Tooth Treatment	
Clean and scour with Consepis™ Scrub slurry—Use hemostatic if needed	
Total Etch—If Mostly In Enamel	Self Etch—If Mostly In Dentin
Ultra-Etch 35% phosphoric acid for 15 seconds	Scrub Peak SE Primer for 20 seconds
Rinse, leave moist	Suction off excess primer
Recommended—Consepis™ 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 & Core Buildup Guide	
Metal or Fiberglass Posts	
1	Verify that post seats to length. Wipe post with isopropyl alcohol.
Tooth Treatment	
Total Etch	
2	Etch space for 15 seconds with Ultra-Etch etchant using the Endo-Eze 22 ga tip. Start apically and fill coronally.
Self Etch	
3	Attach 30 ga NaviTip™ FX™ brush tip to Peak SE Primer syringe. Apply to post space and coronal preparation for 20 seconds using agitating action.
3	Use TriAway Adapter and Endo-Eze 22 ga tip to rinse thoroughly with water and lightly air dry, leaving the post space slightly damp.
4	Blow out excess from bottom up using TriAway Adapter with Endo-Eze 22 ga tip and suction. Do not over-dry.
4	Use 30 ga NaviTip FX tip or Micro Applicator to place Peak Universal Bond adhesive. Scrub full length of post space and entire tooth prep for 10 seconds.
5	Remove excess Peak Universal Bond adhesive using the TriAway Adapter with Endo-Eze 22 ga tip and suction. Continue for 10 seconds using full air pressure, then air thin adhesive on coronal surface for 10 seconds.
6	Light cure adhesive for 20 seconds. If close to gingiva, use two 10-second intervals or 6 seconds Xtra Power mode on VALO curing light.
7	Verify UniCore™ Post will seat prior to placing luting cement.
Resin Cement	
8	Load PermaFlo DC resin into the Skini Syringe with the pink Endo-Eze™ 20 ga tip. Verify mix and flow.
9	Deliver mixed PermaFlo DC resin into post space beginning apically and moving coronally.
10	Insert post slowly and seat to predetermined length.
11	Tack cure PermaFlo DC resin in canal for 5 seconds.
12	Express PermaFlo DC resin around post for core buildup. Incrementally build up core and light cure for 10 seconds between layers. If cement starts to slump, tack cure between layers. Incrementally build up core.



*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.