












Adhesive System	SURFACE (RESTORATION) PREPARATION			TOOTH PREPARATION		CEMENTATION
	1. Restoration Type	2. Surface Etch	3. Surface Primer/Adhesive	4. Etch/Prime	5. Adhesive	
Prelude One (Included with Cem EZ Kit) 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	S-Bond (Silane) (apply; air dry 5 sec)	Choose either etching procedure a. Self-etching; go to step 5. b. Selective etch 10 sec; wash and dry. c. Total etch 10 sec; wash and dry.	a. Apply Prelude One in a gentle brushing motion for 20 sec. b. Gently air dry for 5 sec; continue with a stronger air stream for a minimum of 5 sec. c. Light cure for 10 sec.	  a. Select appropriate shade and dispense Cem EZ onto restoration.
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)	Prelude One (same as step 5)			
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
	Precious/Semi-precious	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
Prelude 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	S-Bond (Silane) (apply; air dry 5 sec)	a. Apply Prelude Primer to enamel & dentin. Scrub for 10 sec. b. Evaporate the solvent with a gentle air stream.	a. Apply Prelude Adhesive. Scrub for 10 sec. b. Evaporate the solvent with a gentle air stream. Increase air pressure to thin adhesive. c. Light cure for 10 sec.	 a. Select appropriate shade and dispense Cem EZ onto restoration.
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)	Z-Bond (apply and leave for 30 sec; air dry 10 sec)			
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
	Precious/Semi-precious	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
Clearfil Universal Bond Quick 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	Universal Bond Quick (apply; air dry 5 sec)	Choose either etching procedure a. Self-etching; go to step 5. b. Selective etch 10 sec; wash and dry. c. Total etch 10 sec; wash and dry.	a. Apply Universal Bond Quick with a rubbing motion (no time limit and no waiting). b. Gently air dry for 5 sec. c. Light cure for 10 sec.	 b. Seat the restoration gently. Allowing cement to flow to all sides.
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)				
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)				
	Precious/Semi-precious	Sandblast MicroEtcher (air blow dust off)				
Clearfil SE Bond 2 (SEB) or Clearfil SE Protect (SEP) -with- Clearfil DC Activator* 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	Porcelain Bond Activator (mix with SEB or SEP Primer, apply; air dry)	a. Apply SEB or SEP Primer to enamel & dentin. Scrub for 20 sec. b. Gently air dry for 5 sec.	a. Mix SEB or SEP Bond with Clearfil DC Activator*. b. Apply mixture c. Gently air dry for 5 sec. d. Light cure for 10 sec.	 c. Remove excess cement. To facilitate clean-up, a tack cure may be used (2 seconds).
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)	SEB or SEP Primer (apply; air dry 5 sec)			
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
	Precious/Semi-precious	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
Clearfil Photo Bond 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	Porcelain Bond Activator (mix with Photo Bond; apply and air dry) (Catylst+Activator+Universal)	a. Total etch 15 sec; wash and dry. b. Apply MicroPrime; wait 30 sec then air dry.	a. Mix and apply Photo Bond; evaporate the solvent with a gentle air stream 2-3 sec.	 d. Light cure each surface for 20 seconds.
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)				
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)	Photo Bond (apply; air dry 5 sec)			
	Precious/Semi-precious	Sandblast MicroEtcher (air blow dust off)	Alloy Primer (apply and let dry)			
Tokuyama Universal Bond 	Lithium Disilicate	Etch surface 5% HF (20 sec; rinse and dry)	Same protocol for all restoration types Mix and apply Universal Bond; evaporate the solvent with a gentle air stream 2-3 sec.	Choose either etching procedure a. Self-etching; go to step 5. b. Selective etch 10 sec; wash and dry. c. Total etch 10 sec; wash and dry.	a. Mix and apply Universal Bond; evaporate the solvent with a gentle air stream 2-3 sec.	Cem EZ is a dual-cure resin cement with a innovative curing technology, IntelliTek™, designed to provide excellent long-term color stability as well as compatibility with a wide variety of bonding agents.
	Porcelain/Composite	Etch surface 9% HF (20 sec; rinse and dry)				
	Zirconia/Alumina/Metal	Sandblast MicroEtcher (air blow dust off)				
	Precious/Semi-precious					