



QUALITY SEAL. SUPERIOR HOLD. ULTRADENT CEMENTS



	UltraTemp™	ClearTemp™ LC	PermaFlo™ DC	UltraCem™	PermaShade™ LC
Description	Temporary luting cement	Temporary veneer cement	Luting/restorative cement	Resin-reinforced glass ionomer luting cement	Veneer cement
Chemistry	Paste-to-paste, non-eugenol polycarboxylate	Composite resin	Highly filled small-particle composite resin	Liquid-powder RRGi (RMGI)	Composite resin
Indications for Use	Temporary cementation of provisional crowns, bridges, inlays, and onlays	Temporary cementation of provisional veneers	Permanent cementation of crowns, inlays, onlays, endodontic post cementation, and fabrication of core buildups	Permanent cementation of restorations (including inlays, onlays, crowns, and bridges) made of metal, PFM, zirconia, and resin to natural teeth	Permanent cementation of porcelain, zirconia, composite, and other indirect anterior veneers
Delivery	5 ml dual-barrel syringe with mixing tip	0.67 g contra-angle syringe	5 ml dual-barrel syringe with mixing tip. Additional intraoral tip for precise delivery.	0.3 g unit-dose SpeedMix™ syringe or hand-mix bottle kit: 15 g powder / 8.6 ml liquid	0.95 g contra-angle syringe
Cure Type	Self cure	Light cure	Dual cure	Self cure	Light cure
Working Time/ Set Time	Regular Set 2 minutes	Light cure with VALO™ curing light for 10 seconds	2.5 minutes working time, full set in 5–8 minutes. Light cure with VALO™ curing light according to instructions.	1–3 minutes working time, full set in 5 minutes	2-second tack cure to avoid shifting. Light cure with VALO™ curing light for 10 seconds.
Viscosity	Flowable	Medium	Flowable	Very flowable	Medium
Shades	Off-white	Translucent (fluoresces under a UV light)	A2, A3.5, Translucent, Opaque White	Approximately A2	A2, B1, Translucent, Opaque White
Differentiation	Mixes and delivers in one action. Hydrophilic polycarboxylate formula is kind to pulp. Ideal for sealing the access opening of walking bleach cases. Designed to flake off easily.	Provides the additional strength necessary to keep provisional veneers in place. Fluoresces under a UV light for easy detection. Adheres more to the provisional than the tooth.	Lowest film thickness (9 μm) known for a luting cement. Higher compressive bond strength than other quality luting cements. Economically priced.	Unique SpeedMix™ syringe delivery is the most efficient way to deliver a liquid-powder formula. Features highest bond strengths to metal or dentin compared to other cements in its category.	Low shade shift for a lasting esthetic result. Unique contra-angle delivery for added precision and convenience. Low shrinkage stress reduces strain on veneers at polymerization.

	TEMPORARY			PERMANENT	
Indications for Use	Self Cure	Light Cure	Dual Cure	Self Cure	Light Cure
Crown	X		X	X	
Bridge	X		X	X	
Veneer		X			X
Post Cementation			X		
Core Buildup			X		
Walking Bleach	X				
Crown and Bridge for Implants			X		
Endo Access Opening	X				
Orthodontic Bands				X	
Pedodontics				X	
Inlays/Onlays	X		X	X	

