

Selection Guide for OptiBond Adhesives

	OptiBond FL	OptiBond Solo Plus	OptiBond XTR	OptiBond A-I-O
Technique	Total-Etch 2 components	Total-Etch 1 component	Self-Etch 2 components	Self-Etch 1 component
Years in market	15 years	10 years	1st year	4 years
Clinical long-term data	● ●	● ●	●	●
Application				
No. of application steps	3	2	2	1
Application time	1:30 min.	1:10 min.	0:55 min.	0:55 min.
Direct bonding	●	●	●	●
To enamel/dentine	●	●	●	●
Composite repair	●	●	●	●
Porcelain repair	●	●	●	●
Amalgam sealing	●	●	●	●
Indirect bonding	●	●	●	● *
Veneers	●	●	●	● *
Crowns and bridges	●	●	●	● *
Inlays/Onlays	●	●	●	● *
Core materials	●	●	●	● *
Cementation of posts	●	● *	●	● *
Properties				
Filler load	48%	15%	15%	7%
Works on wet or dry dentine	●	●	●	●
Film thickness	~ 60 μ	~ 10 μ	~ 5-10 μ	~ 5 μ
Radiopacity	267% Al	●	●	●
Solvent	Water Ethanol	Ethanol	Water, Ethanol, Acetone	Water, Ethanol, Acetone
Packaging				
Storage conditions	Ambient temperature	Ambient temperature	Refrigeration 2 °C to 8 °C	Refrigeration 2 °C to 8 °C
Bottle content	Primer Bottle 8 ml Adhesive Bottle 8 ml	5 ml	Primer Bottle 5 ml Adhesive Bottle 5 ml	5 ml
Unidose™ content	0.1 ml	0.1 ml	Primer 0.18 ml Adhesive 0.18 ml	0.18 ml

*For indirect restorations use OptiBond All-In-One and OptiBond Solo Plus with NX3 or Maxcem Elite cements.

● = Not indicated

● = Indicated