

SCIENTIFIC REPORT

Bonding materials

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VOCO provides the dentist a great variety of adhesives. These range from the latest developed universal adhesives Futurabond U and Futurabond M+ to the classical total-etch and self-etch systems. This sheet gives an overview of the different adhesive systems and provides you information regarding the etching strategy, the number of applied layers, the polymerisation mode and the compatibility with composites.

Product	Etching strategy	Layers	Polymerisation	Compatibility
Futurabond U	Self-Etch Selective Etch Total-Etch	1	DC	All composites*
Futurabond M+	Self-Etch Selective Etch	1	LC	All light-curing composites*
Futurabond M+ +Dual-Cure- Activator	Total-Etch	1 (adhesive and DC-Activator are mixed in advance)	DC	All composites*
Futurabond M	Self-Etch	1	LC	All light-curing composites*
Futurabond DC	Self-Etch	1 (primer and adhesive are mixed in advance)	DC	All composites*
Futurabond NR	Self-Etch	1 (primer and adhesive are mixed in advance)	LC	All light-curing composites*
Admira Bond	Total-Etch	1	LC	All light-curing composites*
Solobond M	Total-Etch	1	LC	All light-curing composites*
Solobond Plus	Total-Etch	2 (primer, then adhesive)	LC	All composites* (A second layer of adhesive is recommended with DC/SC composites)

*Definition composite

Filling, core build-up and luting materials which are based on methacrylates

Conclusion: With VOCOs universal adhesives you have the choice between different methods of conditioning of the tooth substance and you are not restricted by the choice of material for fillings, core build-up and luting composites. Futurabond U and Futurabond M+ lead to overall compatibility and maximised integration in your treatment process. Their numerous application fields make them to real universal adhesives. But also the classical self-etch and total-etch systems still have their eligibility, they also lead to best clinical results. Make your choice, we provide all possibilities for you.