

FL-BOND II

SELF-ETCHING FLUORIDE RELEASING BONDING SYSTEM



PRG
Technology
Giomer



FL-BOND II

FL-Bond II is a self-etching fluoride releasing two-step adhesive system which features an excellent bond to both enamel and dentin and provides a secure marginal seal.

The system is characterized by its excellent handling and enhanced biocompatible properties.

Step 1 - Priming

The FL-Bond II Primer contains a new effective adhesive promoting monomer and new photo initiator and is free of HEMA and acetone to considerably minimize odour, post operative sensitivity and gingival white blanching.

The FL-Bond II self-etching Primer prepares the enamel and dentin surfaces while eliminating the need for separate etching with phosphoric acid.

Step 2 - Bonding

The FL-Bond II Bonding Agent incorporates fluoride containing S-PRG filler (Surface Pre-Reacted Glass-ionomer) which continuously provide fluoride to the tooth structure.

Because of its high filler loading FL-Bond II provides exceptional resistance against abrasion and effectively avoids a marginal washout along with durable sealing.

Indications

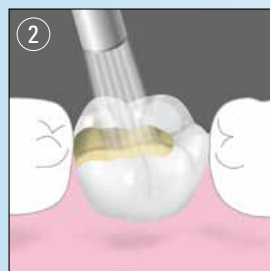
- Adhesive bonding of any composite to tooth structure
- Pre-treatment of the tooth structure prior to the application of resin cements
- Repair of restorations

Comfortable and quick handling

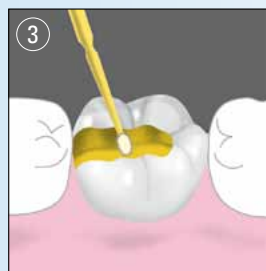
All it takes is two simple steps and about 35 seconds, because technique-sensitive or laborious steps such as etching, shaking, mixing or moisture surveillance are no longer necessary.



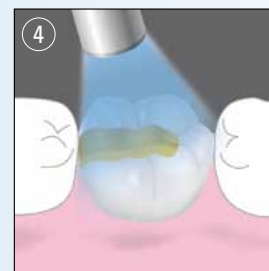
Dispense Primer, apply on enamel and dentin and leave undisturbed for 10 seconds



Dry with oil-free air (do not rinse with water)



Dispense Bonding Agent and apply an even layer on the entire cavity



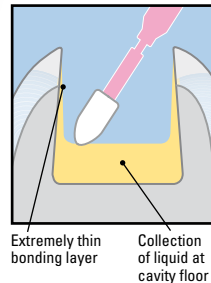
Light-cure: 10 seconds with halogen light or 5 seconds with LED light



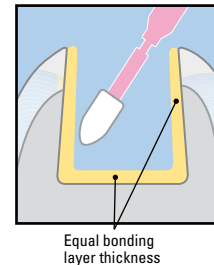
Optimal viscosity and adhesion

The moderately viscous consistency of FL-Bond II allows a convenient application and is particularly stable with sloping cavity walls. This guarantees an even film thickness at all preparation surfaces and a stable bond strength.

Low viscosity
(Other bonding agent)

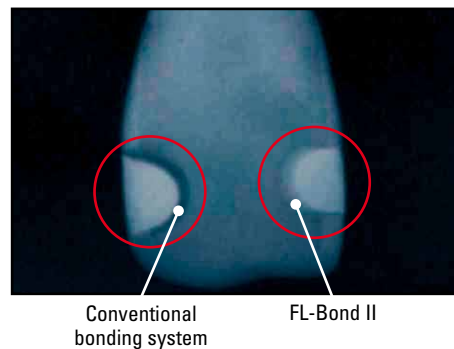


Moderate viscosity
(FL-Bond II)



Radiopacity for accurate diagnosis

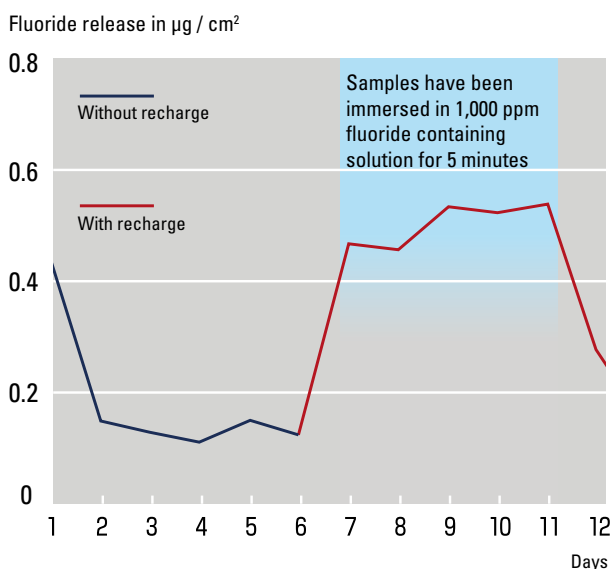
For a reliable diagnosis FL-Bond II offers a remarkable radiopacity which provides an exceptional visualization of the restoration and the bonding layer on the X-ray.



Durable protection

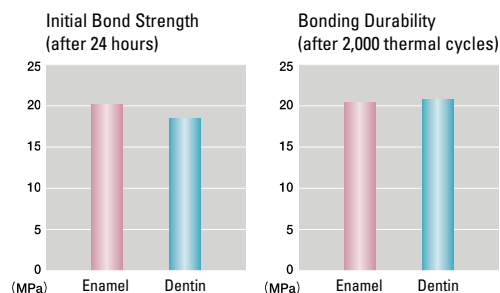
FL-Bond II Bonding Agent contains 40% fluoride releasing and recharging S-PRG filler. This offers a permanent additional protection against secondary caries due to an optimized remineralization of the tooth structure.¹

Fluoride release and recharge of FL-Bond II



Durable bonding strengths

The incorporation of an enhanced adhesive monomer and new photo initiator gives FL-Bond II exceptionally balanced bonding to both enamel and dentin. The HEMA-free Primer prevents the deterioration of the bonding interface due to hydrolysis that ensures long-term durability of the bond.



¹ Gordan V.V., Mondragon E., Watson R.E., Garvan C., Mjör I. A.: A clinical evaluation of a selfetching primer and giomer restorative material. Result at eight years. J Am Dent Assoc 138: 621-627 (2007)

Order information



FL-Bond II Kit

- FL-Bond II Primer, 5 ml
- FL-Bond II Bonding Agent, 5 ml
- MicroBrush pink and yellow, 25 pcs. each
- 1 dispo dish, 1 plastic cover

PN 1306



FL-Bond II Primer, 5 ml

PN 1307



FL-Bond II Bonding Agent, 5 ml

PN 1308



FL-Bond II Etchant, 6 ml

PN 1309

The filling composite Beautifil II is coordinated with FL-Bond II and convinces by an esthetic appearance and excellent handling properties. Combined with FL-Bond II the fluoride release is reinforced.



BEAUTIFIL II 6 Color Set

PN 1775

BEAUTIFIL II Tips - 6 Color Set

PN 1776

BEAUTIFIL II Cosmetic Kit

PN 1777



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