

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

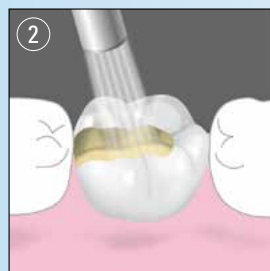


Comfortable and quick handling

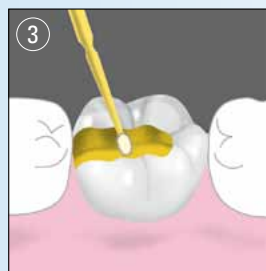
All it takes is two simple steps and about 35 seconds, because technique-sensitive or laborious steps such as etching, shaking, mixing or moisture surveillance are no longer necessary.



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



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



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

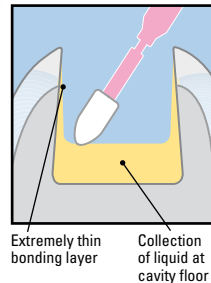


4 Light-cure: 10 seconds with halogen light or 5 seconds with LED light

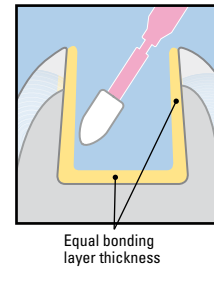
Optimal viscosity and adhesion

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.



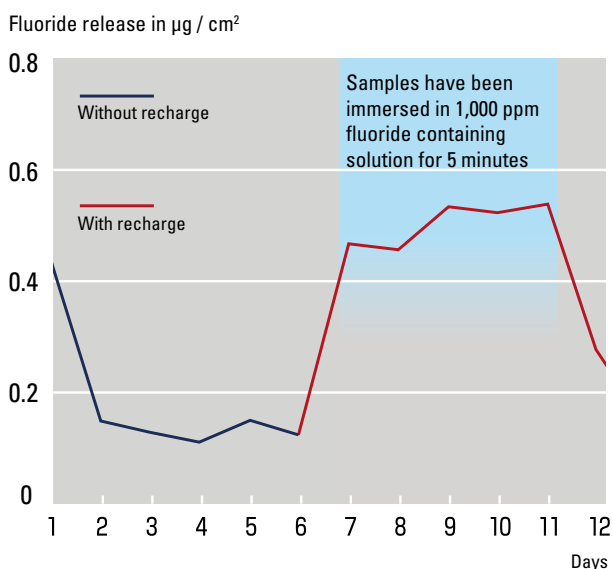
Conventional bonding system

FL-Bond II

Durable protection

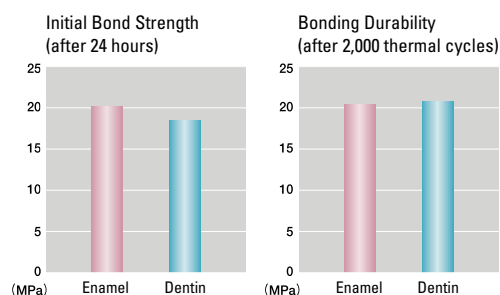
FL-Bond II Bonding Agent contains 40% fluoride releasing and recharging S-PRG filler. This offers a permanent additional protection against secondary caries due to an optimized remineralization of the tooth structure.¹

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

