

FL-BOND II

*The 2nd Generation Gioner
Fluoride-Releasing
Bonding System*



SHOFU DENTAL CORPORATION
Call for Information 800 827 4638 www.shofu.com
SAN MARCOS CALIFORNIA

2nd Generation Giomer

The 2-step, self etching, fluoride releasing adhesive system features a unique Primer and Bonding Agent to provide an excellent bond to both enamel and dentin with a secure marginal seal.

The **FL-BOND II PRIMER** contains a new effective adhesion promoting monomer and is acetone free with no incorporation of HEMA to minimize odor and post operative sensitivity.

The **FL-BOND II BONDING AGENT** contains the S-PRG filler (Surface Pre-Reacted Glass-ionomer), which helps to reinforce the bonding interface between the restorative material and the tooth structure.



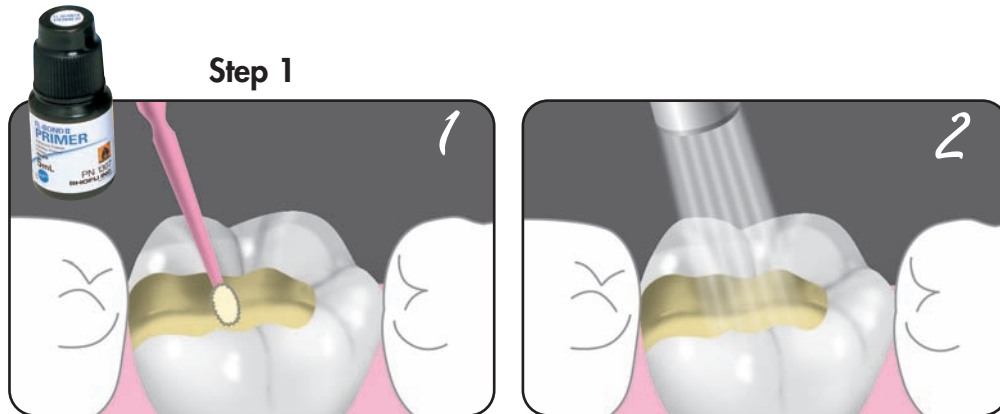
Created for...

1. Deep restorations (in conjunction with **BEAUTIFIL II** aesthetic restorative material)
2. **FL-BOND II** is recommended for bonding any composite to enamel and dentin for Class I, II, III, IV and V restorations, including cervical erosions.
3. Restoration of hypersensitive and exposed root surfaces.
4. Intra oral repair of fractured indirect restorations when used with M.L. Primer (Metal-Link Primer).

Excellent Handling and Short Application Time

The self-etching primer prepares the enamel and dentin surfaces by modifying the smear layer while eliminating the need for separate etching with phosphoric acid.

All it takes is, **2 simple steps** and in just **35 seconds** the site is ready for immediate placement of restorative materials.



Enamel & Dentin Priming

Step 1:

- 5 sec Dispense the Primer and apply thoroughly on the enamel and dentin surfaces
- 10 sec Leave undisturbed for 10 seconds
- 5 sec Dry with oil-free air for 5 seconds (Do not rinse with Water)

Resin Bonding

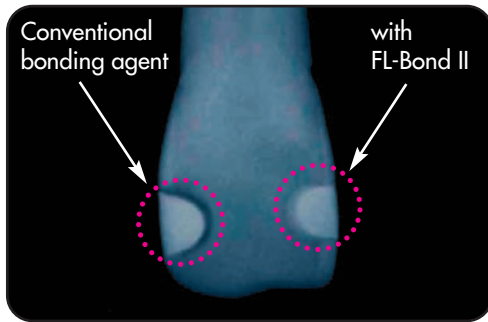
Step 2:

- 5 sec Dispense the Bonding Agent and apply an even layer on the entire surface
- 10 sec Light-cure for 10 seconds with Halogen light or LED light

Radiopacity for Accurate Diagnosis

This unique feature of **FL-BOND II** bonding agent helps to clearly identify translucent areas in the radiograph seen between the radiopaque bond layer and the tooth.

Cavity restored with **BEAUTIFIL II**

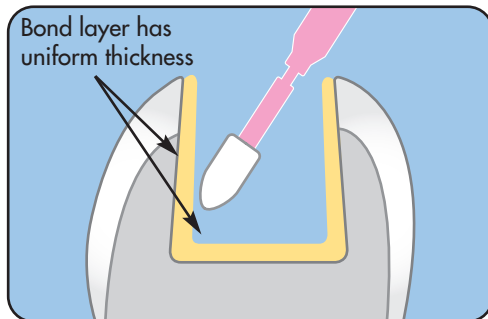


Ideal Viscosity and Reliable Adhesion

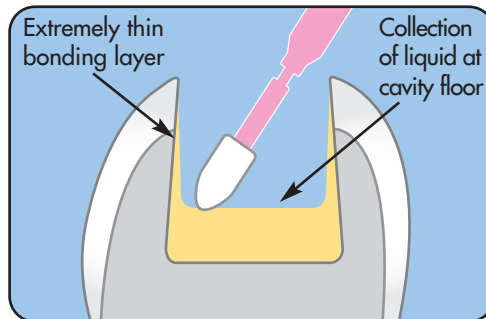
The unique S-PRG filler (Surface Pre-Reacted Glass-ionomer) in the bonding agent has an ideal viscosity to ensure uniform application with optimal polymerization on the marginal area and cavity walls to provide a secure marginal seal.

FL-BOND II unlike other bonding systems can be applied in a wide range of bond thicknesses 20~80µm while maintaining a stable bond strength.

FL-BOND II
Bonding Agent



Other Bonding Agents



Durable and Stable Bond Strength

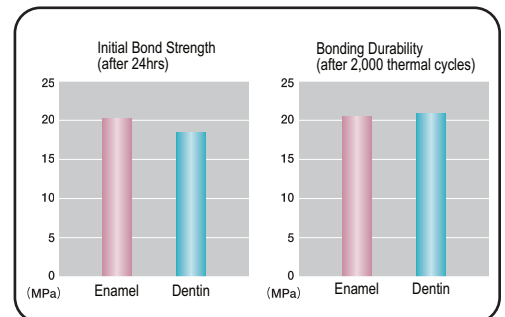
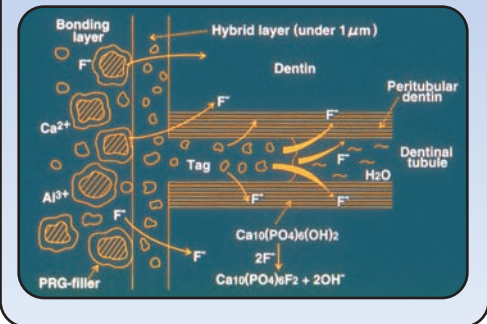
The incorporation of an enhanced adhesive monomer and new photo initiator gives **FL-BOND II** exceptionally balanced bonding to both enamel and dentin. The HEMA-free primer prevents the deterioration of the bonding interface due to hydrolysis and ensures long-term durability of the bond.



Anti-Bacterial Effect for Added Protection

FL-BOND II Bonding Agent contains 40% of specially developed fluoride releasing filler particles using the S-PRG Technology to add an extra level of protection against the inevitable microbial invasion via microleakage.

It is reported that **FL-BOND II** forms an acid resistant layer in and beneath the complex of resin-reinforced dentin (hybrid layer) due to the continuous release of cariostatic fluoride that stimulates the remineralization of areas prone to secondary caries.



FL-BOND II



FL-BOND II COMPLETE SET (PN 1306)

Contains: Bonding agent 5ml, primer 5ml, 25 red microbrushes, 25 yellow microbrushes and dish



FL-BOND II PRIMER (PN 1307)

Contains: 5ml



FL-BOND II BONDING AGENT (PN 1308)

Contains: 5ml



FL-BOND II ETCHANT (PN 1309)

Contains: 6ml



RELATED PRODUCTS



BEAUTIFIL II 6 COLOR SET (PN 1775)

Contains: 6 syringes, 4.5g in A2, A3, A3.5, B2, A30, Inc, Dura-White Stone, Super-Snap Single, OneGloss Trial set and paper pad



BEAUTIFIL II TIPS 6 COLOR SET (PN 1776)

Contains: 6 tip colors (120 tips), 4.5g in A2, A3, A3.5, B2, A30, Inc, Dura-White Stone, Super-Snap Single, OneGloss Trial set and paper pad



BEAUTIFIL II COSMETIC SET (PN 1777)

Contains: 3 syringes, 4.5g in A2, A3, Inc, Beautifil Opaquer-LO, Beautifil Flow F02-A2, Dura-White Stone, Super-Snap Singles, OneGloss Trial Set and paper pad



BEAUTIFIL II TIPS 3 COLOR SET (PN 1778)

Contains: 3 tip colors (30 tips), 4.5g in A2, A3, Inc and OneGloss Trial Set



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