**Bonding Agents**

**DRYING**

**ECCO - 567020 Drying Agent 4 x 1.2cc Syringe**

**US$ 24.42**

**ECCO - Drying Agent Mini Dental Kit**

- **Drying Agent**
- # 567020 - Mfg # 567020

**Features:**

* KIT of 4 x 1.2cc Syringes + 20 tips
* Use drying agent after etching pits and fissures to be certain that all moisture is eliminated before bonding
* Apply to fissures and allow to air dry or use syringe to dry

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**Enamel & Dentine Bonding**

**BEAUTIBOND - SHOFU**

**BEAUTIBOND - SHOFU**

**7th Generation Bonding**

New seventh-generation bonding agent has an exclusive chemistry with unique dual adhesive monomers that deliver equal bond strength to enamel and dentin.

* Bond strengths comparable to leading multi-component brands
* Single coat for shorter working time
* Efficient 30 second application
* 5m film thickness
* HEMA-free
* Convenient unit dose, no mixing

**Code** | **Name** | **Price**
--- | --- | ---
114942 | SHOFU - SHOFU - Beautibond Bottle 6ml bottle Kit - 7th Generation - #PN 1781 - Light-cur... | US$ 105.72

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**CLEAR SE BONDING - KURAKAY**

**KURAKAY - CLEAR SE BOND**

**5th Generation Bonding**

Kuraray, after inventing the self-etching technique with Clearfil Liner Bond 2 in 1993, has surpassed their universally accepted total-etch technology with a new product - a new-generation self-etching primer and bonding system called Clearfil Se Bond. Clearfil Se Bond is a simplified, light-cure bonding system containing a water-based primer. The procedure time with Clearfil Se Bond is significantly reduced, while providing enhanced bond strength and sealing properties -- and, it can be used with all light-cured restorations. The unique "Outer Case" delivery system allows direct finger control of the contents.

**Features & Benefits**
Secure, fast and easy to use
* One bottle of self-etching primer for effective one-step conditioning of cut enamel and dentin without rinsing
* No excessive decalcification
* Intraoral repairs of porcelain and composite with additional use of Clearfil Porcelain Bond Activator
* Effective marginal sealing for protection against micro-leakage
* High bond strength to dentin, enamel, metals and porcelain
* Indicated for composites, compomer

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<tr>
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<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>113694</td>
<td>KURARAY - KURARAY Clear SE Bond Kit - Simple and easy to use- self-etching- light cured bo...</td>
<td>US$ 184.80</td>
<td>Info</td>
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<tr>
<td>116575</td>
<td>KURARAY - KURARAY - Clearfil Se Bond Liquid Refill 5ml - 1981KA ( original ) ( Enamel bo...</td>
<td>US$ 126.00</td>
<td>Info</td>
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<tr>
<td>116576</td>
<td>KURAKAY - Clearfil SE Bond Refill Kit - 5 ml bottle of bonding liquid 450-2890KA This li...</td>
<td>US$ 118.65</td>
<td>Info</td>
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DENTIN ENAMEL BONDING ADHESIVE - PRO-LINE

The adhesive incorporates aspects of primer and bonding resin in a single bottle designed to bond composites and compomers to dentin and enamel as well as treated amalgam, metal and ceramic surfaces.

After etching, penetration and saturation of the dentin and enamel are accomplished in 2 to 3 coats.

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<th>Code</th>
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<tbody>
<tr>
<td>006-032</td>
<td>PROLINE - PRO-LINE- One-Step Dentin &amp; Enamel Bonding Adhesive/ Primer - 3ml Bottle #006...</td>
<td>US$ 11.09</td>
<td>Info</td>
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<tr>
<td>006-030</td>
<td>PROLINE - PRO-LINE - One-Step Dentin &amp; Enamel Bonding Adhesive/ Primer - 7ml Bottle #006...</td>
<td>US$ 16.13</td>
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LIGHT CURE ADHESIVE

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<th>Code</th>
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<tr>
<td>006-020</td>
<td>PROLINE - PRO-LINE- Light Cure Dentin Enamel Bonding Adhesive Kit 2 x 3 ml Bonding Bottle...</td>
<td>US$ 14.28</td>
<td>Info</td>
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</tbody>
</table>

FL BOND II - ADHESIVE - SHOFU

6th Generation Bonding

Self-etching, 2 Steps, Dual Cure to enamel and dentin with S-PRG.
6th Generation Adhesive A self-etching, fluoride releasing bonding system.

* S-PRG ( Surface Pre-Reacted Glass Ionomer ) technology that fully reacts with alumina silica glass particles.
* High levels of fluoride release and recharge.
* Excellent bonding to tooth structure.
* Bonds any composite to enamel and dentin for Class I-V and cervical erosions.
* Self-etching saves time and reduces post-operative sensitivity.
* Total procedure time: 35 seconds.
* High level of radiopacity.
Features:
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.

Created for...
* Deep restorations (in conjunction with aesthetic restorative material) is recommended for bonding any composite to enamel and dentin for Class I, II, III, IV and V Estorations, including cervical erosions.
* Restoration of hypersensitive and exposed root surfaces.
* Intra oral repair of fractured indirect restorations when used with M.L. Primer (MetaLink Primer).

**KIT**

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<tr>
<th>Code</th>
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<tr>
<td>113767</td>
<td>SHOFU - SHOFU - FL-Bond II Complete Set - 6th Generation - #1306 Contains: Bonding agen...</td>
<td>US$ 144.97</td>
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**REFILLS**

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<tbody>
<tr>
<td>111971</td>
<td>SHOFU - SHOFU - FL-Bond II Etchant 6ml Only - - 6th Generation - - #1309 ...</td>
<td>US$ 35.67</td>
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<tr>
<td>111969</td>
<td>SHOFU - SHOFU - FL-Bond II Primer 5ml Only - - 6th Generation - # 1307 ...</td>
<td>US$ 70.43</td>
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<tr>
<td>111970</td>
<td>SHOFU - SHOFU - FL-Bond II Bonding Agent 5ml Only -- 6th Generation - #1308 ) ...</td>
<td>US$ 104.66</td>
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**GC-FUJI - 108-002277 G-Bond Kit**

**US$ 130.20**

**GC - FUJI G-Bond Kit**
Enamel & Denting Bonding
# 108-002277 - Mfg # 002277

**7th Generation Bonding**

**Features:**
* 4-MET Monomer
* Phosphoric Acid Ester Monomer
* Minimal decalcification; almost no exposure to collagen fibers
* This "nano" level reaction produces an insoluble calcium compound for a better bond
* 5% filler seals tubules leads to fewer voids between the thin adhesive layer and the dentin, which minimizes microleakage and prevents microbial invasion
* "Nano Interaction Zone" Technology; an advanced formulation of Phosphoric Acid Ester Monomer, 4-MET Monomer, nanofilled particles, acetone, and water solvents that decalcifies the tooth, providing a wetting property. This diffuses monomer into the tooth structure, polymerizes, hardens when light-cured and creates an ionic bond with the apatite in the tooth structure.

**Benefits:**
* For almost any application, in as little as 20-30 seconds, you're good to go
* Fast and easy application - just brush G-BOND onto the teeth bonding surface, wait 5 to 10 seconds, then air thin with high pressure syringe air and light-cure for 10 seconds
* Virtually eliminates post-op sensitivity because dentin tubules are never exposed (due to 5% filler)
* 4-Met Monomer provides consistent bond strength to dentin
* Phosphoric Acid Ester Monomer provides consistent bond strength to enamel
* Better bond is less likely to deteriorate from enzymes contained in the mouth
* Easy clean-up and removal of adhesive overflow
* Completely coats all bonding surfaces even in an extremely shallow cavity; fewer voids
* High surface tension makes it easier to apply and remain on all bonding surfaces
* Bonding layer is not visible
* Stores at room temperature - Two-year shelf life

**Contains:**
* 1-5ml bottle
* 1 pkg of microtips with handle
* One dispensing dish.
KERR - 116577 Optibond Solo plus 5 ml Bolt
KERR - OPTIBOND SOLO Plus Refill
Enamel & Dentine Bonding
# 116577 - Mfg # 31513
5th Generation Bonding
Features:
* Single liquid adhesive system.
* One liquid does direct & indirect bonding.
* Filled 15% with 0.4 micron glass, and still releases fluoride.
* Superior performance.

US$ 179.55

KERR - 102498 OptiBond Solo Plus Unidose Ref
KERR - OptiBond Solo Plus Unidose Refill
Enamel & Dentine Bonding
# 102498 - Mfg # 29669
5th Generation Bonding
Features:
OptiBond Solo Plus is the gold standard employing a single-component primer/adhesive in combination with Kerrs phosphoric acid gel etchant.
* This single-component adhesive is designed for both direct and indirect bonding applications.
* OptiBond Solo Plus is a single-component adhesive designed for both direct and indirect bonding applications.
* It is 15% filled with the same 0.4 micron filler found in the Kerr Point 4 composite.
* This unique technology provides the highest level of protection against microleakage, while sustaining high bond strengths to a variety of surfaces.
* The filler not only reinforces the hybrid zone but also penetrates the dentin tubules, creating a true structured bond not found in unfilled or even filled adhesive system.

Contains: Pkg of 100 - 10 ml total

US$ 281.40

DENTSPLY - 116160 Prime&Bond 2.1 Light-Cure 4ml
DENTSPLY - Prime & Bond Cure Refill
Enamel & Dentine Bonding
# 116160 - Mfg # 0613-158-1
5th Generation Bonding
Features:
* Prime & Bond NT is a one bottle, all purpose, self-priming dentine/enamel bonding system with unique nanofiller added to the formulation. The new nanofiller are so small it is 10 - 20 times smaller than the width of a collagen fibre. The key benefit this unique new technology brings is higher bond strength, reduced technique sensitivity, a one layer application procedure and reliable and consistent results.
* Prime & Bond NT, when compared to its predecessor Prime & Bond 2.1, has a greater resin concentration giving better saturation of the tooth surface and reduced technique sensitivity. The addition of a small resin and a new crosslinking agent result in a much tougher bonding agent with extremely high bond strengths whilst still maintaining its low viscosity and good penetration. The simple one layer application procedure ensures reliable results and less patient chair time.
* Prime & Bond NT is suitable for composites and Dyract extra Compomer, as well as ceramic restorations, composite inlays and adhesive repairs with amalgam and porcelain.
* Prime & Bond NT is also available in Quix single unit doses. This method of delivery enables quick and easy preparation and the unit dose fits into a convenient holder. The holder is designed to stand-alone or is easily held, whichever is more convenient. After use, the Quix dose can be removed from the holder and discarded; the holder can then be reused.

US$ 51.45
Contains: 4 ml bottle of Prime and Bond 2.1.

**3M ESPE - 112233 Scotchbond Multi-Purp Adh 8ml**

*3M - Adper Scotchbond Multi-Purpose Adhesive*

*Enamel & Dentine Bonding*

# 112233 - Mfg # 7543

4th Generation Bonding

**Features:**

Adper Scotchbond Multi-Purpose Adhesive is one part of our light cure dental adhesive system that is designed to handle difficult bonding situations, is fast and easy to apply and offers excellent bond strengths to a variety of surfaces.

- Refill includes 8 ml bottle.

**Advantages:**

- Versatile adhesive system designed to handle difficult bonding situations such as bonding to sclerotic dentin and bonding in moist environments.
- Reduces microleakage that can contribute to post-operative sensitivity for increased patient comfort and doctor confidence.
- Offers excellent bond strengths to a variety of surfaces for reliable bonding performance.
- The system offers complete dental bonding with dual-cure capabilities when used with Adper Scotchbond Multi-Purpose Plus Activator and Adper Scotchbond Multi-Purpose Plus Catalyst.
- Easy-to-follow technique guides and color-coded, numbered vials make the system efficient and simple to use.

**US$ 78.75**

**3M- 108-BOND Single Bond 3M Plus 6ml**

*3M - Adper Single Bond Plus Adhesive Refill*

*Enamel & Dentine Bonding*

# 108-BOND - Mfg # 51102

5th Generation Bonding

**Features:**

Adper Single Bond Plus is a fast, easy and convenient total-etch, single-component bonding agent offering exceptional bond strength. Available in convenient unit-dose or easy dispensing bottle. Refill includes 6g vial and Instructions for Use.

**Advantages**

- Excellent shear bond strength provides exceptional bonding performance.
- Easy-to-use unit dose - simply press one chamber and use.
- Nanofiller is stable and will not settle out of dispersion.
- Unique, easy-dispensing bottle permits visual inspection of exactly how much adhesive remains in the bottle.
- Cap snaps securely shut minimizing evaporation.
- No shaking required - use straight out of the vial.
- Ethanol/water-based adhesive maintains its shear bond strength over time to yield an outstanding shelf life.

**Specifications:**

- Adhesive Type : Total Etch
- Brand: Adper
- Delivery System : Vial / Bottle
- Material : Light Cure
- Product Type: Adhesive

**Indications**

- All direct, light-cured bonding procedures.
- Indirect bonding procedures when combined with 3M ESPE RelyX ARC Adhesive Resin Cement.
- Root surface desensitization.
- Porcelain and composite repair.
- Bonding veneers in combination
Bonding Agents

METALBOND

**PROLINE - 016-021 Metal Bond Enhancer 10ml**

PROLINE - Metal Bond Enhancer 10ml
Metal Bond
# 016-021 - Mfg # 016-021

*Features*
Can be used on any metal surface of steel, amalgam, gold or stainless steel, before joining. It is especially useful with metal crowns and brackets.

*Quantity: 1*

**Price: US$ 17.85**

OXIGBARR

**ECCO - 567140 Oxygen Barrier 4 x 1.2cc syrin**

ECCO - Oxygen Barrier Mini Dental kit of 4 x 1.2cc
Oxigen Barrier
# 567140

*Features:
* KIT of 4 x 1.2cc Syringes + 20 tips
* Oxygen barrier prevents the formation of the air - inhibition layer
* Trim resins and adhesives cements to margins and exact contours with handinstruments - apply material and then light cure

**Price: US$ 17.64**

Porcelain Bonding (Silane)

**PORCELAIN ETCHANT GEL HYDROFLUORIC ACID - PRO-LINE**

* Hydrofluoric acid gel intraoral approved for use.
* Easy to control and to apply. It does not stain the composite or the resin of fixation.
* 10% Hydrofluoric Acid gel conditioner for porcelain or ceramic surfaces prior to bonding
* Monocomponent silane
Porcelain Etching Gel - ( Part "A") ( Silane - PART B )
You will also need SILANE BONDING ENHANCER # 016-020 ( Part A )

*Quantity: 1 per pack*
SHOFU - 668-1741 Ceraresin Bond Kit

Features:
Ceraresin Bond is a bonding system specifically designed for the repair of ceramic, porcelain, acrylic, and C&B materials.

* Bonds all ceramic, porcelain, acrylic, resin composite, and C&B materials.
* Fast and easy procedures provide a durable bond.
* Works on both intra-oral and extra-oral procedures
* Extremely resistant to moisture and thermal strains.

With this simple to use system, both dentists and laboratory professionals can securely and reliably bond various materials including light-cured laboratory composites such as Ceramage extra-orally, or even light-cured resin composites such as BEAUTIFIL Flow Plus for veneering or repair intra-orally.
The material is extremely resistant to moisture and thermal strains providing a long lasting, durable bond.

Kit Includes:
* 6ml of Bond
* 5ml of Bond 2
* 50 Microbrushes
* 5 Disposable V-Dish 0.1ml Unit Dose

PROLINE - 016-020 Porcelain Bond Enhancer 10ml

Features:
A silane coupling agent that treats porcelain to give stronger bonds typically used after the porcelain surface has been etched with Prime-Dent Porcelain Etch Gel.

PROLINE - 016-022 Composite Repair Bonding 10ml

Features:
Can be used on any plastic or polycarbonate surface for stronger bonds, especially useful on orthodontic brackets. May also be used to condition old composites to be bonded or repaired with a new composite. Compatible with chemical or light cure composites.

Quantity: 1
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