alloybond

HIGH STRENGTH FLUORIDE RELEASING AMALGAM BOND

FLUORIDE FREISSETZENDES AMALGAM-BOND

ADESIVO PARA AMÁLGAMA DE ALTA RESISTÊNCIA COM FLÚOR

ADHESIVO PARA AMALGAMA DE ALTA RESISTENCIA CON LIBERACION DE FLUOR

COLLAGE DEGAGEANT DU FLUOR, POUR AMALGAME

ADESIVO PER AMALGAMA CON RILASCIO DI FLUORO DALL'ELEVATO POTERE
Alloybond is a high strength, fluoride releasing, amalgam bond

Alloybond’s unique dimethacrylate resin groups provide twice the cross linking and superior strength

Alloybond does not contain BisGMA nor Bis-Phenol A

**Twice the cross linking**

SDI’s unique dimethacrylate resin, with carboxylic groups, provide twice the cross linking compared to the 4-meta system. The SDI resin system contains two cross links per chain when polymerized, whilst the 4-meta monomethacrylate system cross links only once. Additional cross links create a stronger resin matrix, superior chemical bonding and higher cohesive strength.

**Denser resin matrix**

The Alloybond monomers are more closely arranged for a stronger resin matrix.

**Stronger resin matrix**

SDI’s Alloybond offers stronger dentin bond strength, without the complication of adding filler required by other amalgam bonds.

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**Cumulative fluoride release**

Alloybond releases fluoride. All-Bond 2* and Amalgambond Plus* do not.

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*All-Bond 2 and Amalgambond Plus are not the registered trademarks of SDI Limited.

**Source-Published and SDI test data.
Application time comparison**:

- **Alloybond**
- **All-Bond 2**
- **Amalgambond Plus**

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<tr>
<th>0 seconds</th>
<th>50</th>
<th>100</th>
<th>150</th>
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<tbody>
<tr>
<td><strong>Alloybond</strong></td>
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<tr>
<td><strong>All-Bond 2</strong></td>
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<td><strong>Amalgambond Plus</strong></td>
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Alloybond is quick and uncomplicated.

**INSTRUCTIONS**

1. Isolate tooth, prepare cavity
2. Etch tooth surface with 37% phosphoric acid for 20 seconds
3. Wash thoroughly
4. Remove excess water. Keep moist
5. Apply Alloybond Primer to saturate all internal surfaces
6. Blow gently with dry, oil-free air for 2 seconds to evaporate solvent. Leave surface glossy
7. Light cure for 10 seconds
8. Mix one drop of Alloybond Base and one drop of Alloybond Catalyst
9. Apply mixture to all internal surfaces
10. Condense and carve amalgam within 60 seconds of applying Alloybond Base and Catalyst mixture, or place composite 60 seconds after applying Alloybond Base and Catalyst mixture

**Indications**

- Amalgam Bonding
- Composite Bonding
- Bonding to sand blasted, etched, silane treated porcelain
- Bonding to sand blasted, silane treated gold
- Cementing crowns, bridges, inlays, onlays

**Photographs**


**Notes**

- Magn 903x 50 micron scale
- Magn 3694x 20 micron scale
- Magn 2955x 2 micron scale
- Magn 5000x 1 micron scale
Alloybond Kit
- code no. 5544001
- 1 x 5ml Alloybond Primer
- 1 x 5ml Alloybond Base
- 1 x 5ml Alloybond Catalyst
- 1 x 2ml syringe of Super Etch
- Brushes, handles, mixing pad
- 25 Super Etch disposable tips

Alloybond Primer
- code no. 5544011
- 1 x 5ml Alloybond Primer

Alloybond Base
- code no. 5544010
- 1 x 5ml Alloybond Base

Alloybond Catalyst
- code no. 5544012
- 1 x 5ml Alloybond Catalyst

Made in Australia by SDI Limited
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USA & Canada 1 800 228 5166
Brazil 0800 770 1735
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France 00800 022 55 734
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