Single-Step, Self-Etch, Prime&Bond, Universal Adhesive System.

- Mimics the properties of natural tooth structure
- Delivers superior adhesion
- Less post-operative sensitivity

Indicated for:
- Class I, II, III & IV Restorations
- Aesthetic direct laminate veneers

Refill 20 x .25gr. Indi-Dose. $84.00
Refill 5gr. Syringe $75.00

THE ULTIMATE IN BONDING

- Superb bonding integration for maximum adhesion
- Highly reinforced yet extremely flowable
- Unique controlled flowable technology

Kit
- Conditioner 7cc
- Universal Adhesive Base 7cc
- Universal Adhesive Catalyst 7cc

$215
$49.95
$94.95
$94.95

DiamondCrown™

- Strong - Exceptional Fracture Resistance
- Tough - Shock Absorbing
- Ultimate Longevity - Cyclic Fatigue Resistant
- Wear Resistant - Similar to Natural Dentition
- Excellent Marginal Integrity
- Superb Color Stability & Accurate Shade Match
- Specular Reflectance - High Gloss & Luster Value
- Excellent Tissue Biocompatibility

For unrivalled strength and cosmetic results this unique PolyCristalline Nanoceram dental restorative and Prosthodontic material is formulated in: (99) Vita-Equivalent shades/colour

5gr Syringe Refill $89.95

DiamondFlow™

- Superb bonding integration for maximum adhesion
- Highly reinforced yet extremely flowable
- Unique controlled flowable technology
- Class V, Cervical Erosion, Tunnel preps, Block-out Material, Base, Liner

Refill Syringe 5gr. $75.95

DRM Restoratives combine microcrystalline PEX resin matrix and high purity organically bridged glass-ceramic nanofillers to provide a superior level of shock absorption, wear resistance, fracture toughness and diametral tensile strength. There is no better restorative materials available.

- Dual luting cement can be used as a flowable Base Cavity Liner.
- Fast Cure Base Cement Super High Toughness (shock absorbing)

Master Kit $575.00
Syringe Base 5gr $75.00
Catalyst 5gr (A2/B1/B3) $75.00

Refill Kit $395.00
DRM Research Laboratories, Inc. 29 Business Park Drive, Branford, CT 06405 USA / Tel. 203.488.5555 Toll free: 888.DRM.BOND (376.2663) E: drmbond@drmco.com / Fax: 203.488.2821
Chairside Universal Dental Ceramo/Metal Repair System for Ceramic, Porcelain, Metal, Composite & Acrylic Repairs - VLC & DC. Porcelain Fracture Repairs w/ or w/out Metal Exposure, Reinforced Ceramic Fracture Repair, Zirconia-Core Buildup, Composite Fracture Repairs and Augmentation & Acrylic Repairs. This Novel Formulation allows for Restoration, Reconstruction & Rehabilitation of the most Optimal Stratification of Tri-Dimensional Esthetics - Opacity/Translucency (Value/Refractive Index), Chroma (Color/Shade) & Hue (Tint) coupled with Superior Functional-Performance and Ultimate Bond-Strength to Porcelain/ Ceramic/Alloy/Composite/Acrylic - Interfaces.

The Ultimate Office Repair Kit ONLY $795.00


5gr Syringe Refill $94.00
Intra-Oral Post-Op. - Superb Aesthetic Vitality and

direct/indirect restorations

DiamondCrown™ - makes Polypeptides link to dentin. The DiamondCrown dental restorative material and an advanced bonding system that actually is the closest thing to tooth available to date. A highly biocompatible nonmetallic DiamondBond 001 to ensure premium results every time.

ChairSide Master Kit ONLY $875.95 Refill 5gr. Syringe $89.50

For unrivalled cosmetic results this unique Microcrystalline Nanohybrid PolyCeramic dental restorative material is available in 16 Vita shades plus various incisal effects and characterization stains. There are also 9 opacity level/gradient ranging from ‘metal opaques’ (opacity units = 100) through to ‘Incisal transparent’ (opacity units = 5).

- Strong and Tough
- Shock Absorbing
- Wear Resistant
- Kind to Natural Tooth
- High Lustre/Gloss Value
- Superior Aesthetics
- Superhydrophobic (Colour Stable)
- Excellent Biocompatibility

DiamondLite™ - direct restorations

The clinician looking for a cost effective, simple to use, alternative without sacrificing the exceptional strength and resilience of PEX based Diamond products. Light-cured and available in 16 optimized Vita shades: A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4 and 4 SuperBrite colors: XL, L, M, OPQ

Master Kit Syringe ONLY $575.95 Master Kit Indi-Dose $675.00

Refill 5gr. Syringe $75.00 Refill 20 x .25gr. Indi-Dose. $84.00

RESTORATIVES

polymerization shrinkage (% linear) < 0.20 N/A

Catalytic Strength > 4,000 Y 

Bond Strength (MPa) / (Alloy-substrate) 35 ------ ------ ------ 12-17 PFM

OCA - Occlusal Contact Area (N-Newton) > 500 9 /31.41 A/P <145 < 200 < 70

Depth of Cure (mm) 5.5 2.0 N/A N/A N/A

Polishability Excellent N/A Very Good Very Good " N/A-Glazed "

Cytotoxicity (%) 0 40 ------ ------ 25

Radiopacity N/A Very Good Very Good " N/A-Glazed " 1 Vita

Micron (%), Fw (±) 8.00 50.00 ------ ------

Filling Weight (%), Fw 74.00 30.00 ------ ------

Filling Volume (%), Vr ------ ------ ------ ------

Resin / Matrix Crystalline - PEX N/A Crystalline - HA ------
### DiamondBond™ 001 - 7th Generation Bonding System

**DiamondBond 001 creates durable adhesion with enamel, dentin, porcelain, and metals.** Can be used with direct fillings of C&B applications and will bond with dry or moist dentin in an equally effective manner. Ultra-fine film thickness allows maximum bond strength with high resistance to fracture.

- **Triple Action Bonding**
- **Shock Absorbing**
- **Proven Longevity**
- **Biocompatible**

**Ideal with DiamondCrown, DiamondLite, and DiamondLink**

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### Comparative Analysis-Dental Bonding Systems

<table>
<thead>
<tr>
<th>Brand Name</th>
<th>Diamond Bond™ (7th Generation)</th>
<th>Single Bond</th>
<th>Prime &amp; Bond</th>
<th>Syntac</th>
<th>Tenure Quick</th>
<th>One Step</th>
<th>Optibond Solo</th>
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<tbody>
<tr>
<td>Manufacturer</td>
<td>DRM (7th Generation)</td>
<td>DRM</td>
<td>3M</td>
<td>Dentsply Caulk</td>
<td>Ivoclar</td>
<td>Denmat</td>
<td>Bisco</td>
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<tr>
<td><strong>BOND STRENGTH (MPa)</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Dentin</td>
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<td>15</td>
<td>18</td>
<td>16</td>
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<td>14</td>
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<td><strong>OTHER PROPERTIES</strong></td>
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<tr>
<td>Film Thickness</td>
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<td>Shrinkage (Linear %)</td>
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<td>Fracture Toughness</td>
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<td>Resin Type A = Amorphous</td>
<td>C</td>
<td>A</td>
<td>A</td>
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<td>C = Crystalline</td>
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<td>Synthetic Collagen</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

---

### DiamondBond 001 creates durable adhesion with enamel, dentin, porcelain, and metals. It is ideal with DiamondCrown, DiamondLite, and DiamondLink.
**DIAMONDCROWN™ FOTOKUR™ F/X™ CURE BOOTH**

**Recommended for DiamondCrown™ Chairside and DiamondCrown™ Laboratory Systems.**

- Digital Readout Display (seconds/minutes)
- Cycle indicator, Automated turntable, reflector / vented chamber, air cooled 300 mW Power, 500 mW/cm, 400-550 nm, < 60° C / 140° F degrees internal chamber temperature throughout cure cycle.

**ONLY $1,195.00**

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**DIAMONDCROWN™ THERMOKUR™ F/X™**

**Recommended for DiamondCrown™ Laboratory Systems.**

- Digital readout display (seconds, minutes).
- Cycle / Phase select indicator, semi-automated microprocessor programmable, adjustable time / temperature settings.

**ONLY $1,795.00**

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**DIAMONDCROWN™ Lab Grand Master Kit**

**Crown & Bridge, Inlay / Onlay, Laminate-Veneers & Implant Superstructure Dental, Restorative-Reconstructive PolyCristalline NanoCeram Prosthodontic System Visible Light Cure.**

- The advantage of using DiamondCrown for indirect applications is multifold. They include:
  - High fracture toughness, Ultimate wear resistance with unparalleled shock absorption.
  - Breakthrough metal coupling the produces a stable bond to Nickel - Chrome - Gold - Zirconium - Titanium & non precious alloys.
  - Easy intra oral augmentation with a high bond strength of 27MPa.
  - Immediate loading of implant crowns, it’s shape memory and an anti-slumping properties make DiamondCrown easy to model, carve, shape and contour. Its high purity catalysis makes DiamondCrown shades highly accurate with superb colour stability.

**CONTENTS:**

- 67 - 5.0 grams ea. Syringe, total of 335.0 grams paste.
- Vita Equivalent Colors / Shades;
- 6 - Incisals: Clear, Transparent, L. Grey, L. Violet, L. Pink, White.
- 4 - Dentin Chroma Modifiers: A, B, C, D.
- 17 - 7.5 g. ea. Metal Opaque Powders:
  - OA1,OA2,OA3,OA3.5,OA4,OB1,OB2,OB3,OB4,
  - OC1,OC2,OC3,OC4,OD2,OD3,OD4, O Neutral.

---

**Achieve Final Results Closer to Natural Tooth than Anything else....**

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**Porcelain Biaxial Flexural Strength (MPa)**

- Diamond Crown: 145 MPa
- Tooth: 146 MPa
- Gold: 186 MPa

**Imporant in assessing fracture resistance, 3-point bend/transverse strength**

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**Porcelain Fracture Toughness MPa m^{-1/2} (Shock Absorption)**

- Diamond Crown: 0.5 MPa m^{-1/2}
- Tooth: 1 MPa m^{-1/2}
- Gold: 2.2 MPa m^{-1/2}

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For More information call DRM RESEARCH LABORATORIES, INC.,
P.O. Box 408, Branford, Connecticut 06405 USA