Superior Bonds begin with

Z-PRIME™ plus

Zirconia - Alumina - Metal Primer
BISCO’s Z-PRIME™ Plus is a single-component primer used to enhance adhesion between indirect restorative materials and composite resin cements. It can be used as a surface treatment for zirconia and alumina metal oxide ceramics, as well as other types of metals/alloys, composites and endodontic posts. Z-PRIME Plus has been specifically formulated to provide high bond strengths to resin cements used in both self cure and light cure modes.

Do You Need To Bond To Zirconia?

• Z-PRIME Plus enhances adhesion to:
  - Zirconia crowns, onlays, & bridges (eg. BruxZir¹, Zir-MAX², etc.)
  - Metal alloys & alumina

• Literature Supports Bonding For:
  - Short crown preps
  - Decreasing the need for excessive tooth preparation
  - Tooth preparations that are compromised
  - Zirconia-based Maryland bridges

Z-PRIME Plus significantly enhances bond strengths to zirconia, alumina and metal substrates better than other primers on the market

* BISCO, Inc. Data
Registered trademark of: ¹ Glidewell Laboratories, ² Burbank Dental Lab, ³ Shofu Dental Corporation, ⁴ Ivoclar Vivadent, Inc, ⁵ Kuraray America Inc
Confidence in Indirect Adhesion...Chemically Proven!!!

Chemical Bond to Zirconia
SIMS Spectrum

SIMS data of zirconia with (Z-Primed zirconia) and without (unprimed zirconia) Z-PRIME Plus. A fragmentation with mass of 549 in Z-Primed zirconia indicates a chemical bond (P-O-Zr) was formed between the zirconia and Z-PRIME Plus.


YOUR PATIENTS DESERVE SUPERIOR BONDS

Prepared multiple-unit bridge.

After cleaning internal surface with ZirClean™, apply a thin layer of Z-PRIME Plus to the zirconia bridge. Air dry for 3 to 5 seconds.

Apply two separate coats of ALL-BOND UNIVERSAL®, scrubbing the preparation with a microbrush for 10-15 seconds per coat. Do not light cure between coats.

Air dry to remove solvent and light-cure for 10 seconds.

Fill internal surface of the restoration with DUO-LINK UNIVERSAL™ resin cement and immediately seat restoration.

Final restoration.

Dentistry courtesy of Dr. Ross Nash
**Restoration Cleaner**

ZirClean is a cleaning gel designed for the non-abrasive cleaning of the bonding surfaces of zirconia (and other prosthetic restorations) after intraoral try-in. ZirClean helps to achieve reliable adhesive cementation results by removing the phosphate contamination of zirconia (as well as ceramic and metal restoration surfaces) that occur during try-in.*

**PRODUCT HIGHLIGHTS**

- Delivery system offers improved ease-of-use
- Easy placement and clean up
- Helps achieve reliable adhesive cementation results*
- Contaminants such as saliva can be removed to help achieve better bond strength after try-in*

**CLINICAL SIGNIFICANCE**

The use of ZirClean will help to achieve reliable cementation results with zirconia restorations after intraoral try-in.*

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Z-PRIME PLUS BOTTLES</th>
<th>ZirClean SYRINGE</th>
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</thead>
<tbody>
<tr>
<td>1 Bottle Z-PRIME Plus, Instructions</td>
<td>1 Syringe (5g), 2 Disposable Syringe Tip Pack (15pk), Instructions</td>
</tr>
<tr>
<td>Z-PRIME Plus (4ml) Bottle B-6001P</td>
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<tr>
<td>Z-PRIME Plus (2ml) Bottle B-6002P</td>
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**TO ORDER CALL:**

1-800-247-3368

* As compared to untreated samples. Data on file.