

*Alternative to Expensive Name Brands*

## ProLink Cem Primer

Primer for Zirconia and glass ceramic



### Positioning Statement

**Versatile and reliable for low retention surfaces**

ProLink Cem Primer provides an enhanced adhesive surface to ceramic, hybrid ceramics, composite resin and metal in total-etch, self-etch or selective-etch mode.

ProLink Cem Primer contains dual coupling agents, 10-MDP, and silane methacrylate for increased bond strength to zirconium, alumina, glass-ceramics, metal alloys, and composites.

ProLink Cem Primer is a single-component dental bonding product that increases the retention between restorative substrates and resin dental cements.

ProLink Cem Primer is compatible with both light-cured and dual-cured resin luting cements making it an ideal choice for indirect adhesion.

The phosphate group in the 10-MDP monomer is a crucial agent for promoting adhesion with hydroxyapatite or metal oxides such as alumina or zirconia. This is the key group responsible for the chemical bonding ability with non-polar and chemically inert zirconia surfaces

The use of high-strength ceramics, such as lithium disilicate and zirconia, are quickly becoming the main laboratory-fabricated restorative choices for many dentists. ProLink Cem Primer is optimal for enhancing bond strength between resin-based luting cements and zirconia ceramic. This is generally preceded by alumina sandblasting.

Ideal choice for low retention situations when used together with ProLink Cem. The 10-MDP molecular structure is favorable to adhesion, its hydrophobic behavior and characteristic adhesive interface favors bond durability and strength.

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## Features & Benefits

Feature	Benefit	Key message
<b>Mild acidity</b>	leaves denting tubuli closed	Eliminates post operative sensitivity
<b>Strong Bond to Restorations</b>	High bond strengths to zirconia, metal and alumina substrates.	optimizes self-etch performance, increases shelf stability and provides durability of adhesion
<b>Contains MDP</b>	Forms strong bond to hydroxyapatite surfaces	Promotes adhesion to tooth surface by formation of non-soluble Ca <sup>2+</sup> salts
<b>Compatibility</b>	Minimal technique sensitivity	suitable for light-cure composites, root surface treatment and cavity sealing.
<b>Single bottle</b>	Reduced chairtime	No mixing and etching, priming and bonding

## Properties

### Tensile Bond Strength

#### Ceramic substrate

Zirconia

45 MPa

Lithium disilicate

40-45MPa

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### Competitive Information

Company	Brand	Info
Kuraray	Clearfil Ceramic Primer	Bottle, 4ml \$ 112
Premier	Premier Universal Primer	Bottle, 5ml \$ 69
GC	G-Multi PRIMER	Bottle, 5ml \$ 94

### Selling Tips

- An effective multi-surface primer
- Formulated with MDP for optimal bond strength

### Additional features and advantages:

Ideal choice for low-retention surfaces as it enhances adhesion between indirect restorative materials and cement.

### Clinical Tips

- Compatible with both adhesive and self-adhesive resin cement.
- Used in both self-cure and light cure modes.

**Related Products:** ProLink Cem, ProGlass Plus Cem

**Delivery:** 3ml and 5 ml bottles

**Ref:** 150301-P    PROLINK CEM Primer- 3ml  
150501-P    PROLINK CEM Primer- 5ml

**Retail Price:** \$ 65

**Download Product Images:**

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## FAQ

### **Does ProLink Cem Primer Have MDP?**

Yes. The 10-MDP monomer, whose chemical structure allows for a polar behavior which is favorable to adhesion, also promotes the protection of collagen fibers through the formation of MDP-calcium salts.

### **What are ProLink Cem Prime's Indications for Use?**

Priming agent for adhesion to:

Zirconia, Glass ceramics, metals and composite materials.

### **How does ProLink Cem Primer work?**

ProLink Cem Primer is a hydrophilic solution of resin monomers, organic solvent (alcohol or acetone), water, and stabilizers. The hydrophilic groups boost the wettability to the dentin surface, which is a humid environment.

ProLink Cem Primer adheres to tooth surfaces and forms a binding layer that is better prepared to receive the bonding resin. ProLink Cem Primer assists the adhesive to flow into and penetrate the etched tooth surface.