

zirconiaPrime

Multi-Surface Primer



Zirconia Prime Multi-Surface Primer

Zirconia Prime is designed to treat the surface of Zirconia, Alumina and Metal, providing optimal bond strength and allowing you to provide your patients with lasting restorations.

This multi-surface primer is proven to significantly enhance the bond between indirect restorative materials, composite resin cements and resin-based bonding agents when preparing the restoration for cementation. Zirconia Prime can also be used to treat the surface when fixing defects of restorations attached to the patient's dentition.

For trusted and reliable restorations, Zirconia Prime is the perfect addition to your crown cementation system.

- Formulated with MDP for proven enhanced bond strength
- Single-bottle delivery
- No refrigeration required



Applications

- Preparing the surface of Zirconia, Alumina and Metal restorations for cementation
- Treatment when repairing restorations attached to the patient's dentition

Small application. Significant impact.



After trying in the restoration, remove from patient's mouth. Using a dental sandblaster, air abrade the surface. Sandblast the crown for 2-4 seconds. Then, rinse and dry.



Apply 1-2 coats of Zirconia Prime to the entire bonding surface. Allow Zirconia Prime to sit on the surface for 30 seconds. Evaporate by using a gentle air stream for 5-10 seconds.



Extrude a resin-cement such as Infinity® SE into the zirconia crown and seat in place.



Before and after of cemented posterior crown.

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Zirconia Prime is formulated with **MDP for optimal bond strength**

Studies show applying primers formulated with **MDP** following sandblasting **increases bond strength**¹

Zirconia Prime is an **effective multi-surface primer**

Increases bond strength of **zirconia** restorations up to **119%** and **metal** restorations up to **21%**²

Zirconia Prime **reduces crown de-bonding and fractures**

Durable **bond strength maintained** over time with the use of MDP containing primer³⁻⁵

Complete Your Crown Cementation System with Zirconia Prime!

Zirconia Prime is compatible with self-, light-, and dual-cure resin luting cements, making it the perfect match with your cement for lasting restorations.



Sources:

1. Suh, Byoung I, et.al. Bonding to Zirconia: Innovation in Adhesion. Compendium. 2010.
2. Fusun, Ozer, et. al. Effect of primers on bonding with zirconia and metal surfaces. Abstract Archives. 2013.
3. Lehmann F, Kern M. Durability of resin bonding to zirconia ceramic using different primers. J Adhes Dent. 2009 Dec;11(6):479-83.
4. J. R. Piascik, E. J. Swift, J. Y. Thompson, S. Grego, and B. R. Stoner, "Surface modification for enhanced silanation of zirconia ceramics," Dental Materials, vol. 25, no. 9, pp. 1116-1121, 2009.
5. M. B. Blatz, A. Sadan, and M. Kern, "Resin-ceramic bonding: a review of the literature," Journal of Prosthetic Dentistry, vol. 89, no. 3, pp. 268-274, 2003.

Product	Item #
Zirconia Prime	
Zirconia Prime	3900B

Contents: 1 – 5 ml bottle, instructions