

Bio-LCB™

Light Cured Base and Liner



Bio-LCB was developed as a shock-absorbing protective base/liner under composites, amalgams, and other cement materials. It can be used as a replacement for calcium hydroxide, glass ionomer, RMGI, IRM/ZOE, and other restorative materials. Bio-LCB creates an insulator/barrier to protect against sensitivity.

Feature and Benefits

Helps prevent secondary decay

Bonds to dentin to prevent bacterial leakage.
Additionally, the composition becomes alkaline upon setting which has an anti-microbial effect.

Stimulates reparative dentin formation

Alkaline upon setting.
Remineralizing/hydroxyapatite forming.
Releases calcium and phosphate ions.

Strong mechanical strength

Superior bond strength to dentin and restorative materials.
Resists occlusal forces for restorative longevity.
Shock absorbing protection.

Low polymerization shrinkage

Pulp protection and sensitivity reduction

Sealing off dentin tubules.
Alkalinity maintains pulp vitality.

Hydrophilic

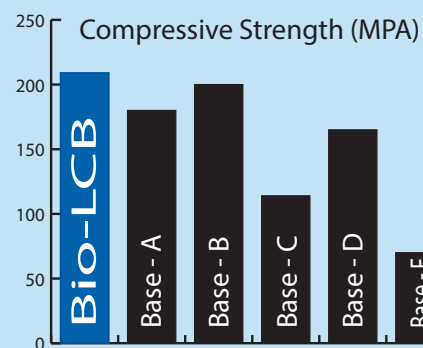
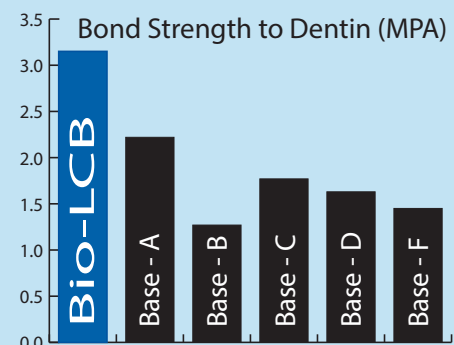
Radiopaque

Easily to identify on x-rays.

Easy to use

Syringable, flowable handling. Light Curable.

Unlike other bases/liners, Bio-LCB provides superior strength, bonds to dentin, and promotes dentin remineralization. The proprietary UDMA-based formulation forms calcium hydroxide and increases pH levels. This action protects the pulp, stimulating pulpal cells to form dentin and decreases the risk of secondary decay. This unique composition also contains calcium phosphates which release ions upon setting and further aid in remineralization of the surrounding dentition.



* Data on file

ORDERING INFORMATION

Bio-LCB:

910-02: Two - 2gm Syringes, 8 Tips

910-04: Four - 2gm Syringes, 16 Tips

910-50: Fifty 20 gauge pre-bent tips

Clinical Reviews

Bio-LCB is my new favorite base/liner. I find it superior to others previously used because of its ease of use and how I can place it directly into the cavity prep. I love how economical this product is compared to direct brands. I find myself using it almost daily.

Dr. Stephen Christy
Missouri

I really appreciate the Bio-LCB Light Cured Base and Liner! It has excellent handling qualities. The material is easy to dispense and can be placed in the exact location with very minute amounts. I was using Lime-Lite Base but I am changing to Bio-LCB. Thank You!

Dr. Gavin G Harrell
North Carolina

I am an endodontist and I am using the Bio-LCB as an orifice barrier. I really like how it flows and seals.

Dr. McDaniels
N. Carolina

Great consistency, easy to tack/cure in place with little to no adjustments. Seems to provide patients with reduced sensitivity from deep restorations.

Dr. Richards
S. Carolina

I've loved the adhesion to dentin and don't have any more complaints of post op sensitivity due to deep caries from the patients.

Dr. Ghazaryan
Van Nuys, CA

It's the boss. I find it delightful and easy to use and sets up really hard. It adheres well. Good job. Love all the science behind it.

Dr. Craig Pursuit
California

Bio-LCB provides significant amount benefits over others and is very easy to apply.

Dr. Dilip Dudhat
(Official Dentist of the Philadelphia Eagles)
Pennsylvania

I don't use a liner for every direct restoration I do but when you need a good liner for pulpal protection or insulation and really looking for some help in dentin remineralization I have found Bio-LCB to be extremely effective. I have used it on a class V sensitive abfraction area with a complete decrease in sensitivity as reported by the patient. I have used it as a liner proximal to a previously sensitive tooth to insulate the pulp after decay removal and restoration placement. The Patient experienced a total decrease in previously reported symptoms in this case as well. I find the included tips make application very easy and the color is very translucent so it does not obscure or change the esthetics of the restoration in any way. I look forward to using the product in more instances in the future and feel it will be a needed addition to my practice protocol.

Dr. Angelina C. Franklin
North Carolina

I LOVE Bio-LCB! After having used a few other liner products such as Lime-Lite™ and Theracal, I feel the best characteristic in comparison is the handling of the Bio-LCB. It adapts very well when placed which is very vital, especially on a vertical wall of a prep. Will only be using this for the foreseeable future.

Dr. Sagar Amin
Texas

I have found Bio-LCB to be superior to comparable materials; as the self-leveling and flowability properties are excellent! Highly recommend!

Dr. Scott Levy
Pennsylvania

I've been using Bio-LCB for weeks now on deep restorations and haven't had one problem. It is also much easier to use than Theracal LC. Thank you so much!

Dr. Limone
New Jersey

Great product to replace Activa base/liner. Bio-LCB is easier to dispense and clean, less expensive and handles well. So happy to have found this product.

Dr. J. Carney
Virginia