

Bio-LCBTM

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

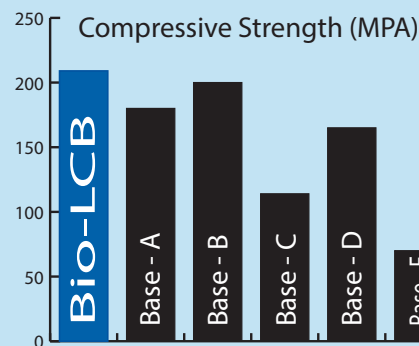
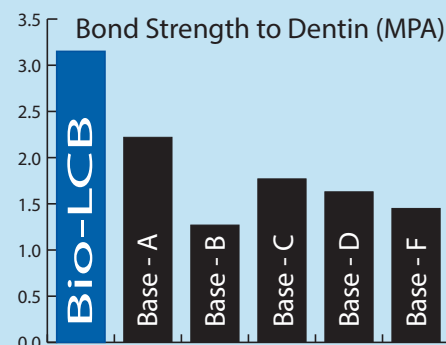
Radiopaque

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