

5 REASONS TO TRY TheraCal LC[®]

Resin-Modified Calcium Silicate Pulp Protectant/Liner

Rx Only

1 Calcium Release*

Stimulates hydroxyapatite formation^{1,2} and secondary dentin bridge formation.^{2,3}

2 Alkaline pH

Alkaline pH promotes pulp vitality.³

3 Radiopaque

Visible on radiograph to easily distinguish from caries.

4 Insulation

Forms a protective barrier to protect the pulp from thermal changes.^{5,6}

5 Compatible With Any Bonding Technique

Can be placed under restorative materials and cements.



* Bisco has, on file, the calcium release data for TheraCal LC.

1. Gandolfi MG, Siboni F, Prati C. Chemical-physical properties of TheraCal, a novel light-curable MTA-like material for pulp capping. International Endodontic Journal. 2012 Jun;45(6):571-9.

2. ADA definitions for direct and indirect pulp capping at: www.ada.org/en/publications/cdt/glossary-of-dental-clinical-and-administrative-ter

3. T. Okabe, M. Sakamoto, H. Takeuchi, K. Matsushima. Effects of pH on Mineralization Ability of Human Dental Pulp Cells. Journal of Endodontics. Volume 32, Number 3, March 2006.

4. Apatite-forming Ability of TheraCal Pulp-Capping Material, M.G. GANDOLFI, F. SIBONI, P. TADDEI, E. MODENA, and C. PRATI J Dent Res 90 (Spec Iss A):abstract number 2520, 2011 (www.dentalresearch.org)

5. Sangwan P; Sangwan A; Duhan J; Rohilla A. Tertiary dentinogenesis with calcium hydroxide: a review of proposed mechanisms. Int Endod J. 2013; 46(1):3-19

6. Selcuk SAVAS, Murat S. BOTSALI, Ebru KUCUKYILMAZ, Tugrul SARI. Evaluation of temperature changes in the pulp chamber during polymerization of light-cured pulp-capping materials by using a VALO LED light curing unit at different curing distances. Dent Mater J. 2014;33(6):764-9.

MC-51198LC

We are here to help! Give us a call: 1-800-247-3368 or visit us online: www.bisco.com

