

# 5 REASONS TO TRY TheraCal LC<sup>®</sup>

Resin-Modified Calcium Silicate Pulp Protectant/Liner

Rx Only

## 1 Calcium Release\*

Stimulates hydroxyapatite formation<sup>1,2</sup> and secondary dentin bridge formation.<sup>2,3</sup>

## 2 Alkaline pH

Alkaline pH promotes pulp vitality.<sup>3</sup>

## 3 Radiopaque

Visible on radiograph to easily distinguish from caries.

## 4 Insulation

Forms a protective barrier to protect the pulp from thermal changes.<sup>5,6</sup>

## 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

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

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We are here to help! Give us a call: 1-800-247-3368 or visit us online: [www.bisco.com](http://www.bisco.com)

