BISCO

SCIENCE
AND DENTISTRY.
BONDED.

Product Profile

TheraCem®

Calcium and Fluoride Releasing,
Self-Adhesive Resin Cement

Cementing Zirconia Restorations with Ease



Rx Only

Table of Contents

The Clinical Challenge 3

Product Overview 4

Awards & Evaluations 6

Global Reach & Impact 7

Who is TheraCem Right For? 8

Indications 9

TheraCem Workflow Integration 10

Clinical Cases 13

Chemistry 14

Powered by Thera Technology 15

Physical Properties 17

Acidic to Alkaline pH Transition 18

Bond Strength (Zirconia) 19

MDP Monomer 20

Competitor Comparison Chart 21

TheraCem VS Traditional Materials 25

The CEM in a Category of its Own 27

Customer Feedback 28

Customer Testimonials 29

Frequently Asked Questions 30

Ordering Information 31

The BISCO Story 32

BISCO: Who We Are 33

BISCO's Direct-To-You Promise 34

References 35

TheraCem, the trusted self-adhesive resin cement in modern restorative dentistry

The Clinical Challenge

Bonding to zirconia can be one of the most frustrating clinical situations that a doctor can face in restorative dentistry. When cementing any indirect restoration, the clinician's goal is clear: seat the restoration with ease and achieve long-term restorative success.

Other self-adhesive cements can present several complications or limitations such as incompatibility with certain substrates, requiring separate adhesive/primers for bonding to zirconia, not containing the MDP adhesive monomer, and not providing any special benefits (i.e. calcium and fluoride ion release).

When managing these complex cases, clinicians must carefully balance multiple concerns:

- Determining if the tooth preparation is retentive or non-retentive
- Varying technique sensitivity between products
- Reducing the potential for post-operative sensitivity
- Risk of contamination from saliva or blood
- Universal Indications vs. Case-Specific Requirements

Achieving predictable outcomes requires both clinical expertise and materials that support the clinician's treatment goals.

TheraCem was developed to support clinicians in these challenging situations, providing a dual-cured, calcium- and fluoride-releasing cement designed to simplify bonding to zirconia and promote long-term restorative success.

Product Overview

Cementation should be a predictable, repeatable, and efficient process. Clinicians need a cement that delivers great bond strength, simplifies workflows, and helps protect the tooth structure beneath the restoration. TheraCem was developed to make all this available to clinicians in one syringe.

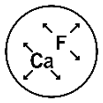
TheraCem is a dual-cured, calcium- and fluoride-releasing, self-adhesive resin cement indicated for luting crowns, bridges, inlays, onlays, and posts. Its MDP-containing formulation delivers a strong bond to zirconia and eliminates the need for separate priming and bonding steps.

Clinicians benefit from a simplified cementation protocol that reduces technique sensitivity and saves chair time without sacrificing performance. It's automix delivery system enables precise, consistent placement, while the self-adhesive chemistry streamlines the procedure by reducing the number of clinical steps required.

Beyond retention, TheraCem provides a continuous release of calcium and fluoride ion onto tooth structures.

With great bond strength, radiopacity, and compatibility with a wide range of indirect restorations, TheraCem provides a reliable solution for clinicians seeking efficiency, durability, and confidence.





Calcium & Fluoride Release
Continuous calcium and fluoride release.*



Alkaline Ph
Calcium-silicate fillers provide both calcium release and alkalinity



Contains MDP
Contains the adhesion promoting monomer MDP.



Strong Bond to Zirconia
Enhances the bond strength to Zirconia.



Easy Clean-Up
Formulated to allow for quick and easy removal of excess cement



Radiopaque
Easy detection on radiographs.



Self-Adhesive Cement
No bond agents required.

*BISCO has data on file



What is TheraCem? Dr. Rolando Nunez has all the answers —click the video to learn more!

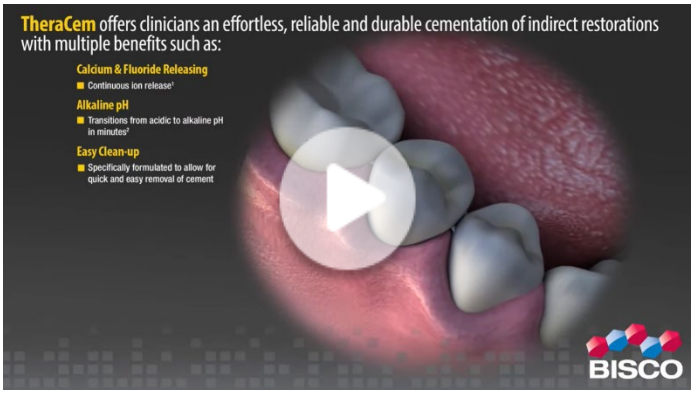


Curious about how to use TheraCem? Watch the video above to see the step-by-step restoration technique in action.

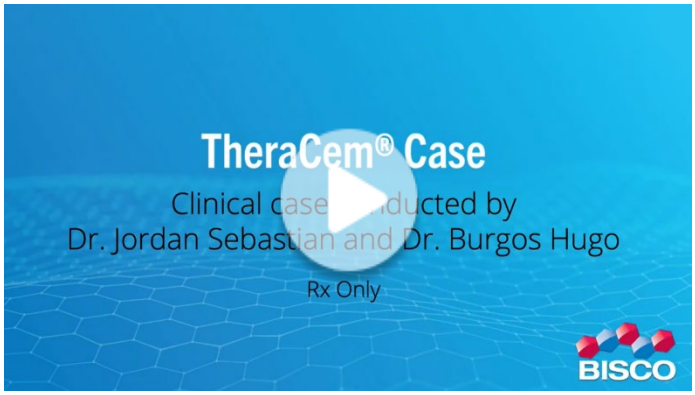


Scott Miller, DDS

"Knowing there is fluoride and calcium release gives me more confidence in the success of the cementation."



Discover TheraCem! Click the video above to see its key features, benefits, indications, and why it's a standout self-adhesive cement.



Want to see TheraCem in action? Click the video above to watch a clinical case where it's used to cement a zirconia crown on a metal post and core.

Awards & Evaluations

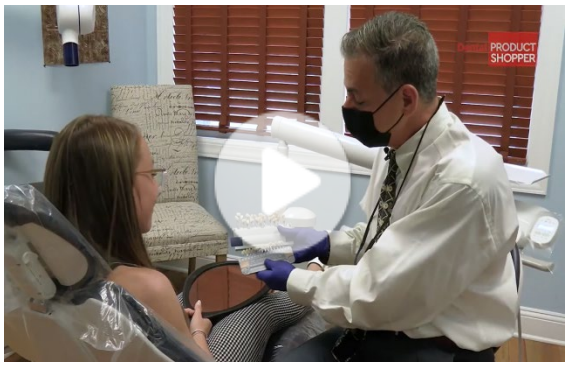
Since its launch in 2016, TheraCem has received numerous awards for excellence in restorative dentistry, most notably earning **Dental Advisor's Preferred Product award for 7 consecutive years.** TheraCem is trusted by clinicians in over 94 countries for consistent performance and predictable outcomes.

2x Award Winner

6x Award Winner

Award Winner

TheraCem DPS Evaluation



TheraCem was awarded a score of 4.4 out of 5 from Dental Product Shopper and is proudly recognized as a Dental Product Shopper Best Product!

Check out the video above to learn more about the Dental Product Shopper evaluation!

Want to see full TheraCem evaluations? Click on the logos below!

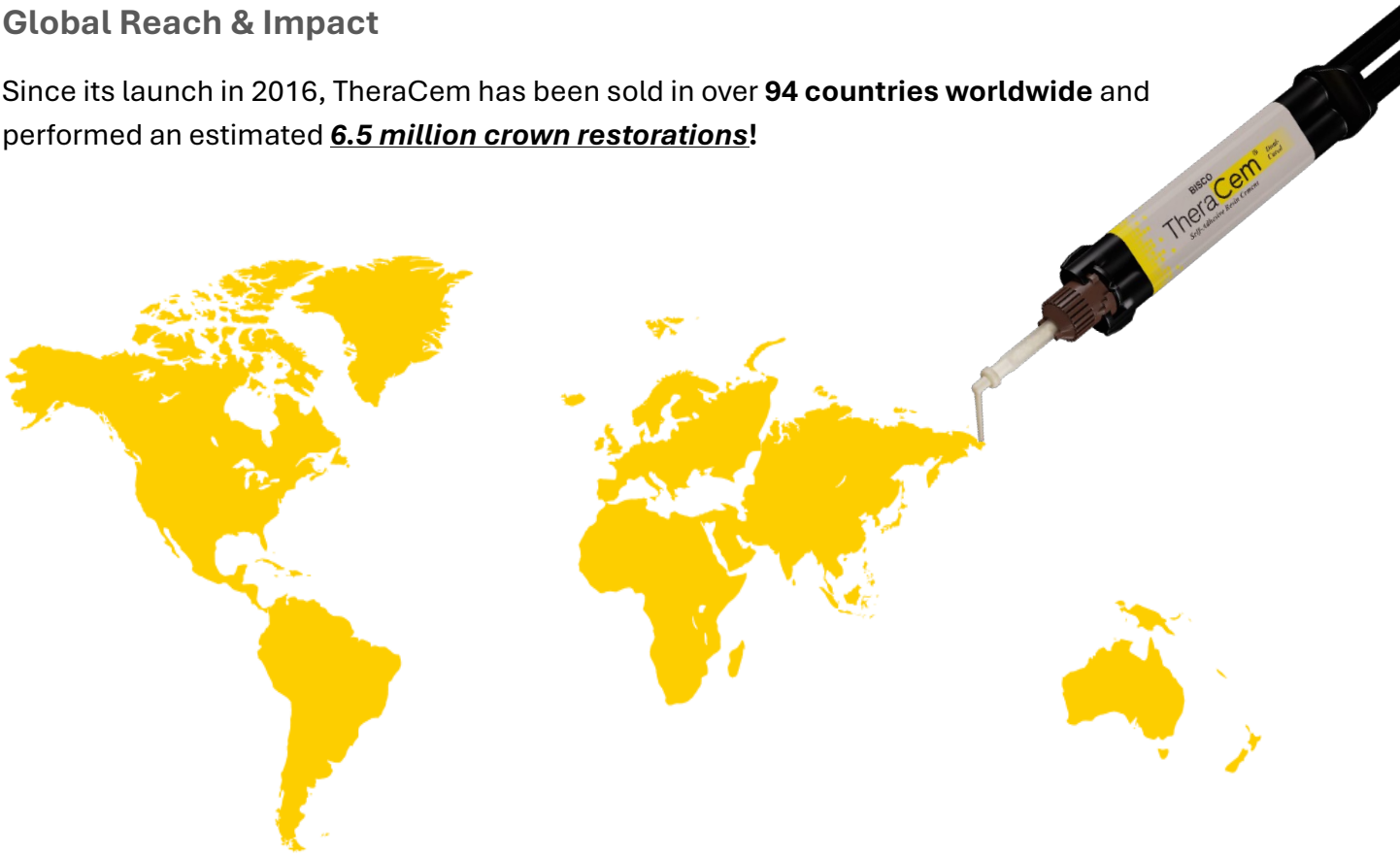
TheraCem Evaluation

TheraCem Evaluation

TheraCem Dental Advisor Reports

Global Reach & Impact

Since its launch in 2016, TheraCem has been sold in over **94 countries worldwide** and performed an estimated ***6.5 million crown restorations***!



North America
United States, Canada, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad, Tobago, Virgin Islands (U.S.)

South America
Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Uruguay, Venezuela

Europe
Ukraine

Asia
Armenia, Azerbaijan, Bahrain Cambodia, China, Hong Kong, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Korea (Republic of), Kuwait, Lebanon, Macao, Malaysia, Mongolia, Oman, Pakistan, Philippines, Qatar, Russia, Saudi Arabia, Singapore, Sri Lanka, Taiwan, Thailand, United Arab Emirates, Vietnam, Yemen

Africa
Algeria, Egypt, Ethiopia, Libya, Morocco, Nigeria, Senegal, South Africa

Oceania
American Samoa, Australia, Guam, New Zealand, Northern Mariana Islands

*All figures are based on sales data from TheraCem from 2016 to 2026. Estimated number of restorations.

Samples not included.

Who is TheraCem Right For?

Dentists who are committed to delivering exceptional patient care understand that the materials they select play an important role in clinical success. While bond strength and retention are important considerations, experienced clinicians know that a material's true value comes from its overall clinical performance. Choosing materials that provide reliable performance, efficient workflows, and lasting restorative outcomes allows clinicians to deliver consistent, high-quality care.

TheraCem is designed to deliver that balance of performance and next generation "Thera" technology. As a self-adhesive resin cement, it provides strength and dependability clinicians expect from a trusted restorative material. Beyond this, TheraCem releases calcium and fluoride ions and in vitro experiments have shown TheraCem's ability to stimulate apatite formation[1].

Rather than adding unnecessary complexity to their workflows, dentists rely on materials that help streamline procedures while maintaining confidence in the final result. TheraCem integrates seamlessly into everyday practice, offering dependable performance and straightforward application that support efficient, predictable treatment outcomes.

In addition to its clinical benefits, TheraCem® offers excellent overall value for practices seeking a versatile and dependable cement solution. For clinicians focused on delivering lasting restorations and exceptional patient care, TheraCem® serves as a trusted partner in achieving consistent restorative success.



1. Liang Chen, Christine Gleave, Byong In Suh. Apatite Formation on Experimental Bioactive Self-Adhesive Resin Cement. 2016 IADR/APR General Session (Seoul, Korea), Presentation ID:0280

Indications

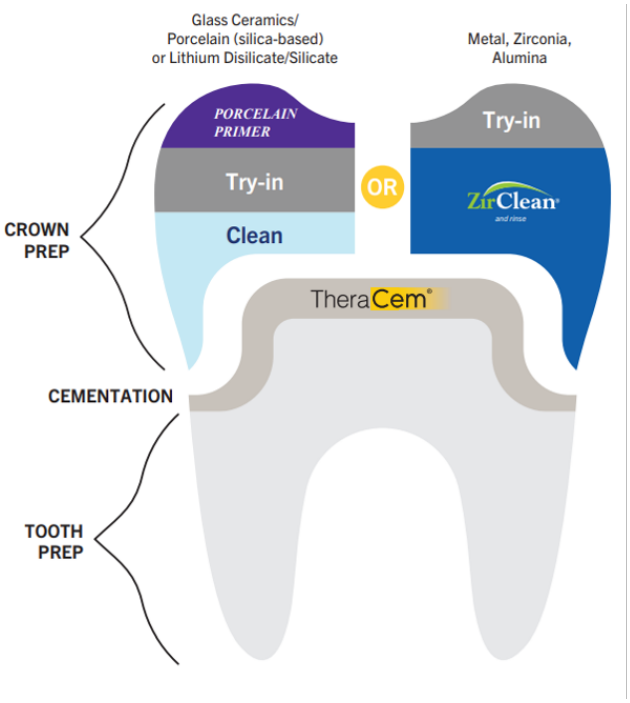


1. TheraCem is intended for use as a **permanent, self-etching, self-adhesive cement.** TheraCem® is a paste/paste, fluoride- and calcium-releasing, luting cement which requires no etching, no priming or bonding of the prepared surfaces. TheraCem may be used to cement the following:
    - Metal crowns, bridges, inlays, onlays (including porcelain-fused-to-metal and composite-to-metal).
    - Porcelain and Ceramic crowns, inlays, and onlays (includes alumina and zirconia).
    - Resin crowns, bridges, inlays, and onlays (resin-based composite/composite-ceramic hybrid).
    - Metal (prefabricated or cast) and non-metal/fiber endodontic posts.
    - Implant supported restorations.

TheraCem Workflow Integration

With the right materials working together as a complete system, clinicians stay in control—confidently cementing metal, zirconia, and alumina restorations with efficiency and predictability.

TheraCem serves as the center piece for cementation without a bonding agent. The following materials support a complete, efficient workflow.



Step 1 – Intraoral Try-In

Try-in the restoration to ensure a proper fit between tooth preparation and the indirect restoration.

Step 2 – Clean

After intraoral try-in, the bonding surfaces of the zirconia restoration are contaminated. To achieve better bond strength*, apply BISCO's ZirClean®, a cleaning gel designed for the cleaning of the bonding surfaces of zirconia, to the internal surface of the restoration.

Step 3 – Apply TheraCem

TheraCem is applied to permanently cement the restoration and create a strong bond between the restoration and tooth preparation.

*BISCO has data on file.





Click on the eBook to learn more about BISCO's Perfect Pairs!

ZirClean

Non-Abrasive Restoration Cleaner

Removes Contaminants
Contaminants such as saliva can be removed to help achieve better bond strength after try-in.*
**As compared to untreated samples. Data on File.*

Unparalleled Strength
Helps achieve reliable adhesive cementation results.

Strong Bond to Zirconia
Enhances the bond strength to Zirconia.

Syringe Delivery
Syringe delivery system offers improved ease of use.

Easy Syringe Application
Syringe delivery system offers easy placement of the material.

Washes Off Easily
Easy clean-up of the material.



Additionally, Dental Product Shopper conducted a joint evaluation of TheraCem and BISCO's non-abrasive restoration cleaner, ZirClean. Both products were used together by evaluators and featured in the same review, earning an impressive score of 4.5. This recognition underscores their protocol efficiency, reliability and effectiveness in clinical applications.

6x Award Winner

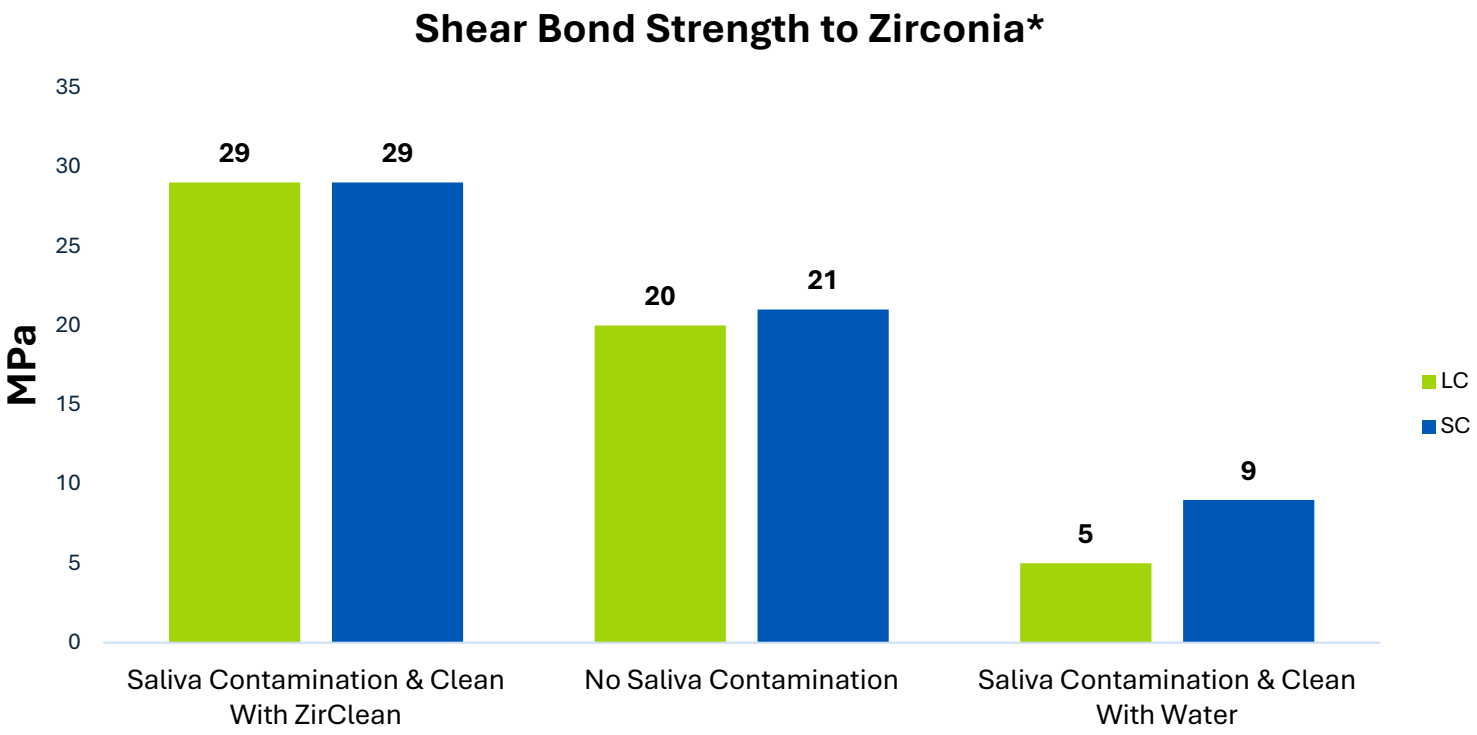
Award Winner

Award Winner

Clinical Significance

The use of ZirClean will help to achieve reliable cementation results with Zirconia restorations after intraoral try-in**.

*As compared to untreated samples. Data on file.



**Shear bond strength generated using Ultradent method, restorations have been primed with Z-Prime™ Plus and cemented with Duo-Link Universal®

Clinical Cases

See how clinicians use TheraCem to simplify cementation procedures and deliver durable, reliable restorations with confidence!

1



Cast metal post and core cemented on the first upper left bicuspid.

2



A CAD/CAM zirconia restoration was fabricated.

3



Restoration tried-in to check proper fit and occlusion.

4



ZirClean® applied for 20 seconds to remove surface contaminants, then rinsed and dried.

5



TheraCem dispensed into the intaglio surface of the restoration.

6



The restoration was seated, tack cured, and excess cement removed.

7



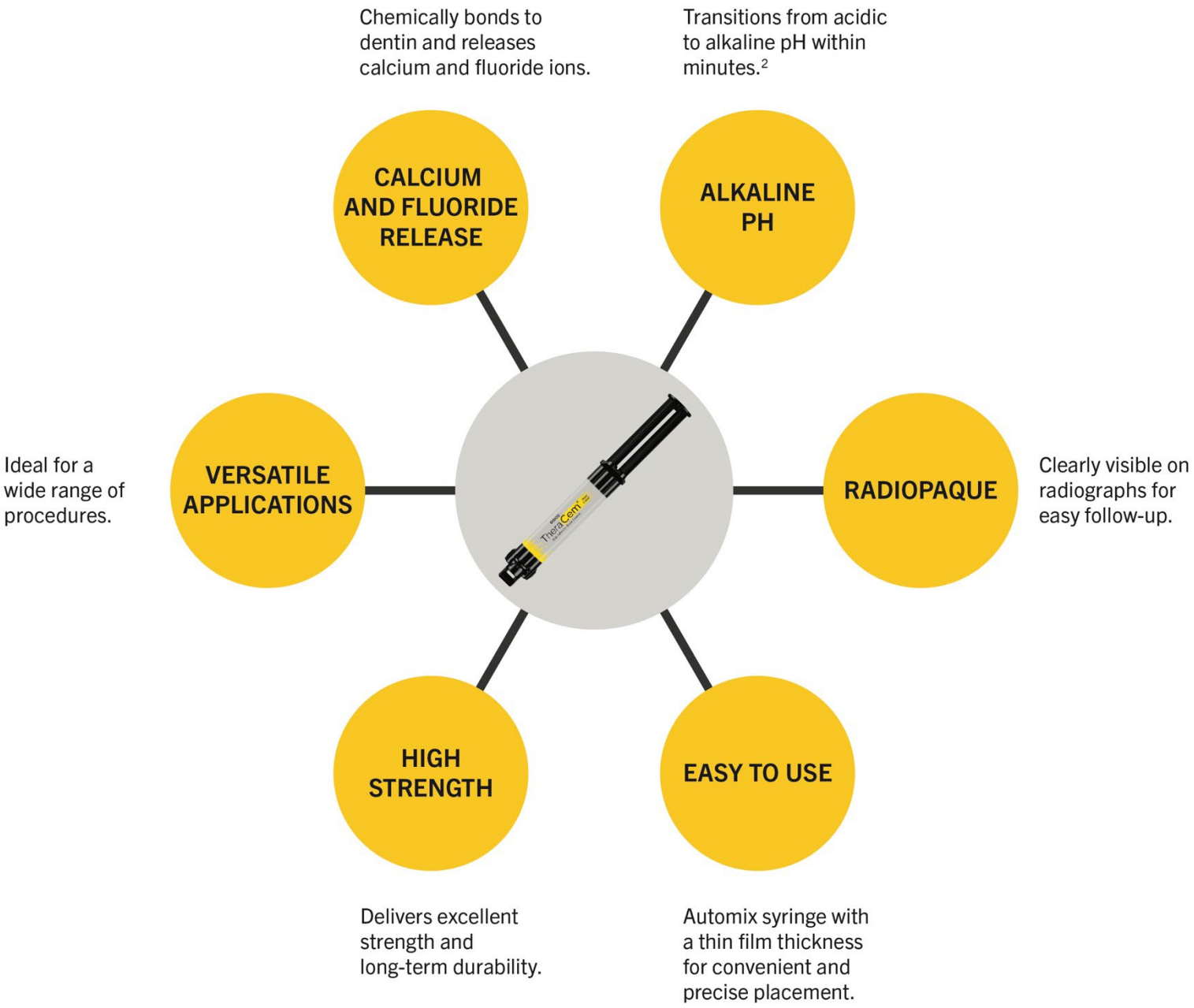
Final restoration.

Dentistry courtesy of Dr. Jordan Sebastian DDS and Dr. Burgos Huge DDS

Chemistry

TheraCem is a next-generation dual-cured cement that incorporates BISCO's award-winning Thera technology. Its chemical composition has been optimized for maximum self-adhesive performance, making it reliable and easy to use. These chemical innovations allow clinicians to deliver both clinical benefits and durable restorations.

Designed with Advanced Technology



*BISCO has data on file.

2. New Self-adhesive Resin Cement With Alkaline pH. Chen L, Gleave C, Suh B, J Dent Res96(A):#286, 2017.

TheraCem is formulated with the following components:

pH Transition

An acidic pH is required to create the initial bond, however, TheraCem transitions to an alkaline pH within minutes[2].

Calcium Silicate

Calcium-silicate fillers are the chemistry behind TheraCem's calcium ion release. In vitro experiments have shown TheraCem's ability to stimulate apatite formation[1].

MDP

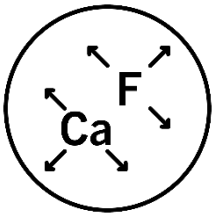
Contains 10-MDP monomer, a "gold standard" chemical adhesive monomer for bonding to zirconia.

The Importance of an Alkaline pH



TheraCem Chemistry Explained





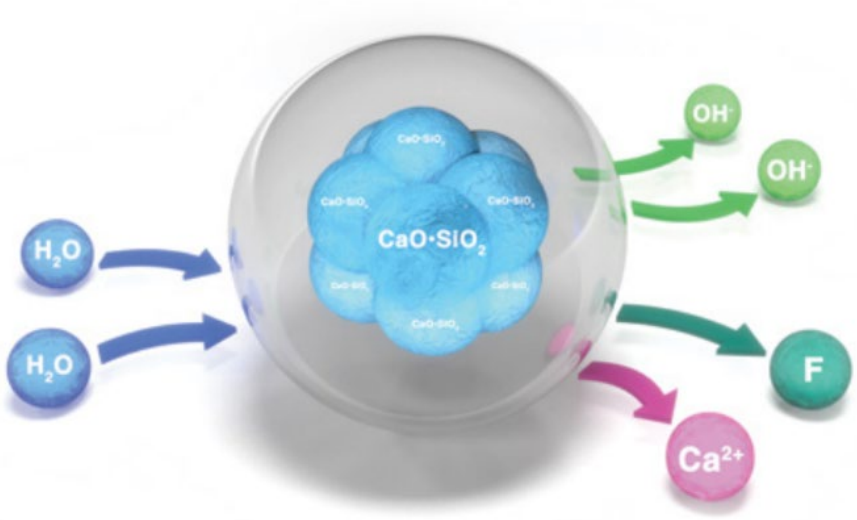
Did you know TheraCem will continue to release calcium and fluoride ions for up to 80 days after application?*

*BISCO has data on file.

1. Liang Chen, Christine Gleave, Byoung In Suh. Apatite Formation on Experimental Bioactive Self-Adhesive Resin

2. New Self-adhesive Resin Cement With Alkaline pH. Chen L, Gleave C, Suh B, J Dent Res96(A):#286, 2017.

Powered by Thera Technology



Thera / Therapeutic	**=**	**Calcium and Fluoride Ion Release**
Thera Calcium Source	**=**	**Calcium Silicates**

BISCO has engineered a proprietary hydrophilic resin matrix that enables effective ion exchange—a significant advancement over traditional hydrophobic resin matrices. This unique composition allows water to penetrate the matrix, triggering the release of calcium and fluoride ions.* The formulation of TheraCem incorporates calcium silicate particles suspended in a hydrophilic monomer, resulting in enhanced and sustained calcium ion release.*

Click on the videos below to learn more about BISCO's Thera Technology!

The Resin Matrix



Calcium Releasing Materials



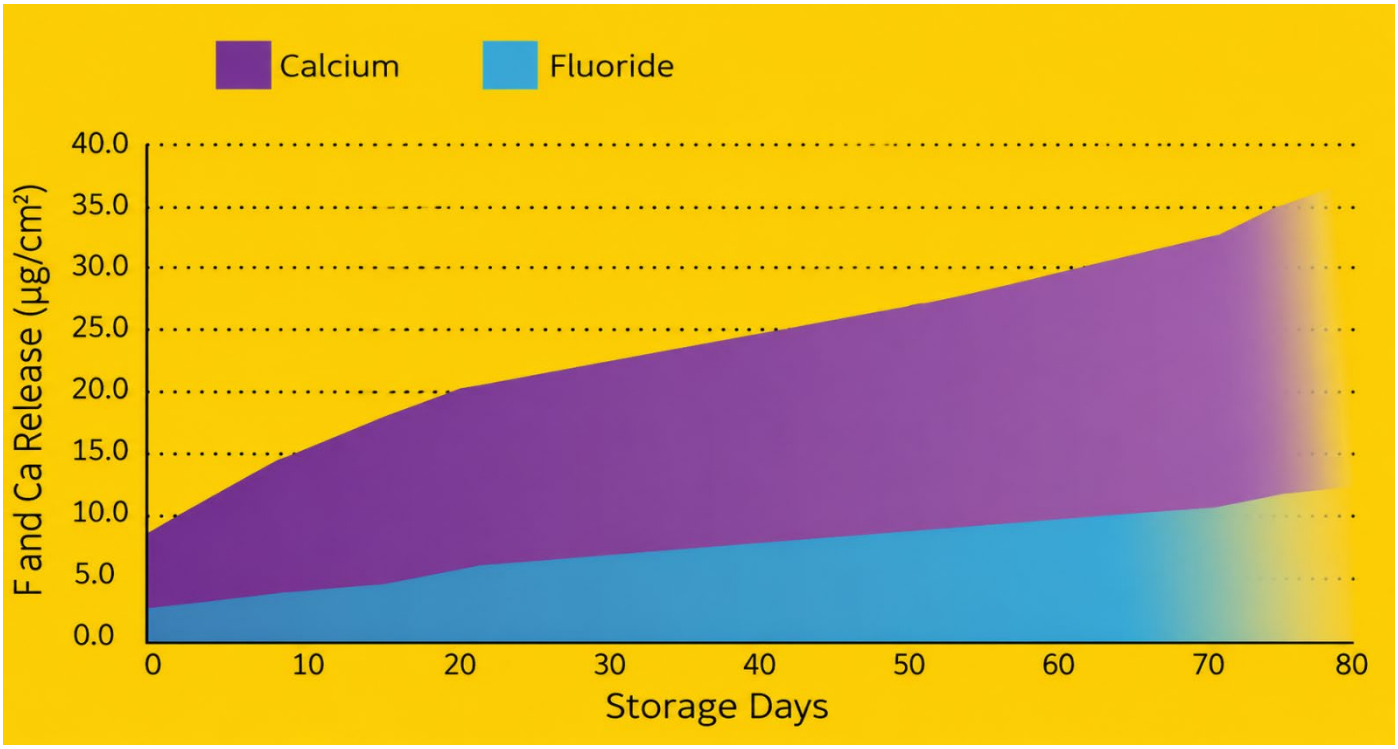
*BISCO has data on file.

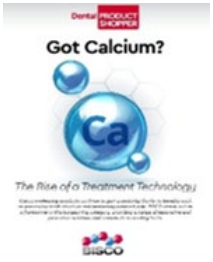
Physical Properties

Impressive, Continuous Calcium & Fluoride Release

TheraCem stands out with its continuous release of calcium and fluoride ions*, providing benefits that extend beyond simple luting applications. In vitro experiments have shown TheraCem's ability to stimulate apatite formation[1].

See the chart below which provides an 80-day study, monitoring the length and levels of TheraCem's continuous calcium and fluoride release!





Click on the eBook to learn more about the clinical benefits of calcium-releasing materials!

*BISCO has data on file.

1. Liang Chen, Christine Gleave, Byoung In Suh. Apatite Formation on Experimental Bioactive Self-Adhesive

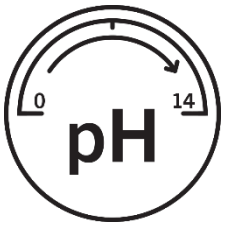
Acidic to Alkaline pH Transition

One of the unique characteristics of TheraCem is its ability to transition from an initially acidic pH to an alkaline pH within minutes after placement. This pH shift is intentional and plays an important role behind TheraCem's chemistry.

At the time of seating, TheraCem relies on low pH functional monomers (i.e. MDP) to interact with the tooth surface and promote effective bonding. This initial acidity helps demineralize the substrate and supports the formation of a durable adhesive interface.

Unlike conventional self-adhesive cements that may remain acidic for extended periods, TheraCem neutralizes and transitions from acidic to an alkaline pH in minutes[2]. This change in pH occurs as the cement's chemistry reacts with moisture, releasing calcium, fluoride, and hydroxide ions and creating an alkaline environment. Calcium silicate-based cements showed a potential antimicrobial activity mainly due to their high alkalinity[3,4].

Click on the research article to learn how different pH levels influence antimicrobial activity!



TheraCem initially exhibits an acidic pH to facilitate self-adhesion, then transitions to an alkaline pH within minutes due to its calcium-silicate chemistry.

*BISCO has data on file.

2. New Self-adhesive Resin Cement With Alkaline pH. Chen L, Gleave C, Suh B, J Dent Res96(A):#286, 2017.

3. ElReash, A.A., Hamama, H., Eldars, W. et al. Antimicrobial activity and pH measurement of calcium silicate cements versus new bioactive resin composite restorative material. BMC Oral Health 19, 235 (2019). https://doi.org/10.1186/s12903-019- 0933-z

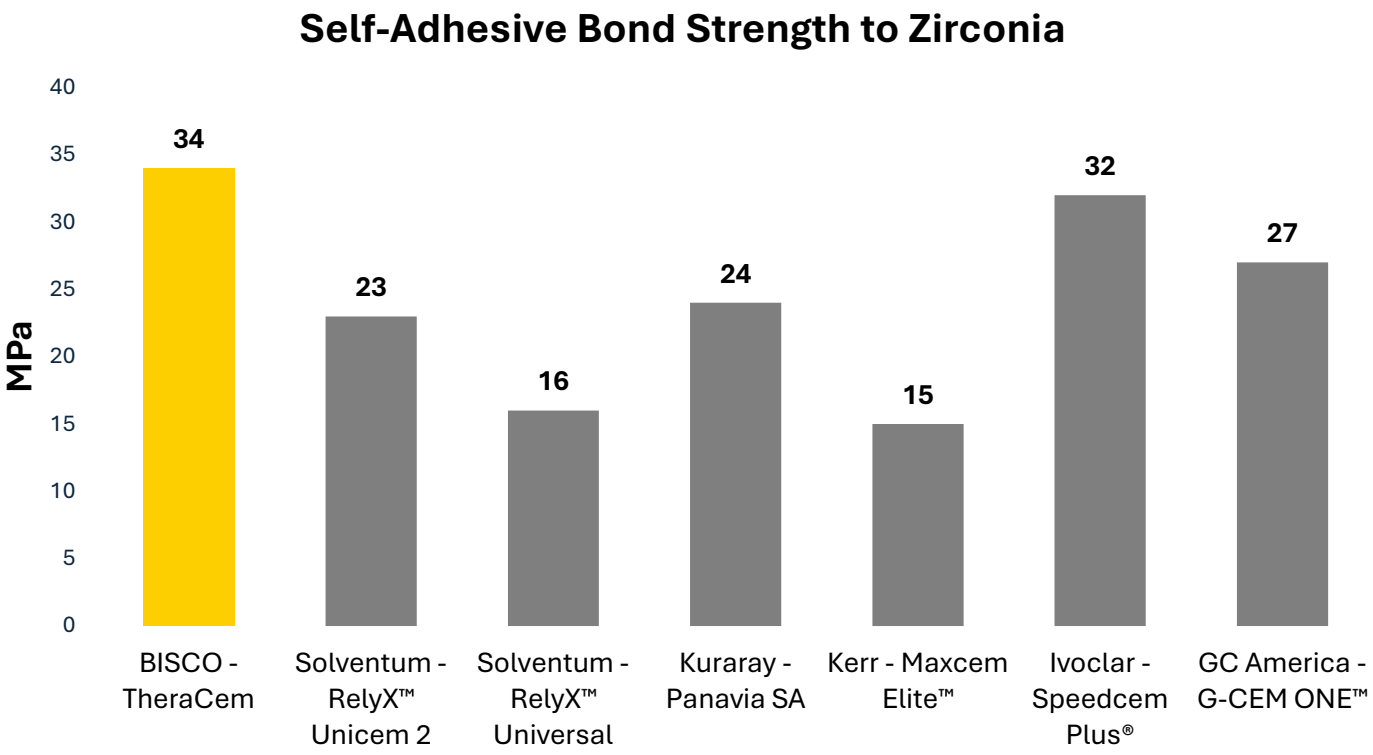
4. Kim, Ryan Jin-Young, et al. "An in vitro evaluation of the antibacterial properties of three mineral trioxide aggregate (MTA) against five oral bacteria." Archives of oral biology 60.10 (2015): 1497-1502.

Bond Strength (Zirconia)

Zirconia has become one of the most widely used restorative materials in dentistry due to its exceptional strength, durability, and esthetics. However, achieving a reliable bond to zirconia can be challenging because its bonding protocol differs from more “traditional” substrates, such as glass ceramics. As a result, the bond strength of a self-adhesive resin cement to zirconia plays a critical role in the long-term success of any zirconia restoration.

Strong adhesion helps reduce the risk of restoration failure and costly remakes. For clinicians who choose self-adhesive cements for their efficiency and simplified workflow, bond strength to zirconia becomes an especially important performance indicator.

Independent testing has demonstrated that TheraCem achieves superior self-adhesive bond strength to zirconia compared to leading competitive self-adhesive cements. This strong and durable bond provides clinicians with greater confidence when cementing zirconia restorations and contributes to long-term restorative success.

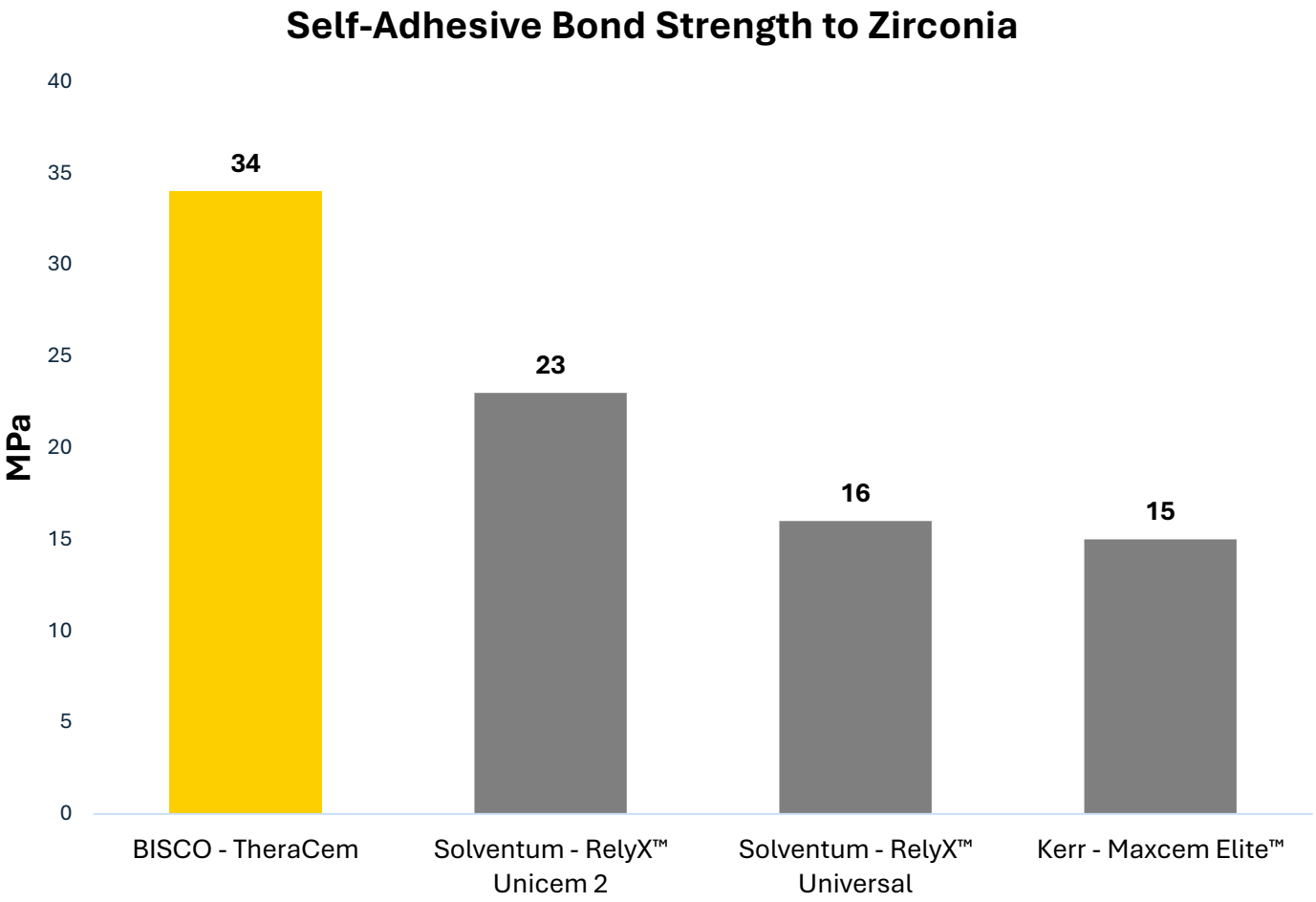


**BISCO has data on file.*

MDP Adhesive Monomer

For any material to chemically bond to a surface, it must contain some type of adhesive monomer or compound in its formulation. Many modern self-adhesive cements incorporate adhesive monomers to simplify bonding to zirconia. The most common is known as MDP. MDP chemically reacts with zirconia surfaces to create a strong bond. However, not all formulations perform equally. Also, not all "self-adhesive resin cements" contain MDP. In fact, of the top 7 self-adhesive resin cements, approximately half contain MDP. As a result, independent testing shows that non-MDP containing cement produces a lower bond strength to zirconia.

TheraCem® VS Non MDP-Containing Cements



**BISCO has data on file.*

Competitor Comparison Chart

	TheraCem (BISCO)	 GC FujiCEM® 2 (GC - America)	 G-CEM ONE™ (GC - America)	 RelyX™ Unicem 2 (Solventum)	 RelyX™ Universal (Solventum)
Self-Adhesive	Yes	Yes (RMGI)	Yes	Yes	Yes
Dual Cured	Yes	Yes	Yes	Yes	Yes
Bonds to: Metal Zirconia, Alumina, Composite, Posts Glass Ceramics /porcelain (silica based) or Lithium Disilicate/Silicate restorations E.max, FP)	Yes	Yes	Yes	Yes (Scotchbond Universal Plus)	Yes (Scotchbond Universal Plus)
Shear Bond Strength on Zirconia	34 MPa	Yes TBD	27 MPa	23 MPa	16 MPa
Radiopaque	Yes (2.1mm Al)	Yes (TBD)	Yes (1.44 mm Al)	Yes (1.86 mm Al)	Yes (TBD)
Fluoride Release	Yes	Yes	Yes	Yes	Yes
Calcium Release	Yes	No	No	No	No

	TheraCem (BISCO)	 Panavia™ SA (Kuraray)	 Speedcem® Plus (Ivoclar Vivadent)	 Maxcem Elite™ (Kerr)
Self Adhesive	Yes	Yes	Yes	Yes
Dual Cured	Yes	Yes	Yes	Yes
Bonds to: Metal Zirconia, Alumina, Composite, Posts Glass Ceramics /porcelain (silica based) or Lithium Disilicate/Silicate restorations E.max, FP)	Yes	Yes	Yes	Yes (OptiBond Universal 360)
Shear Bond Strength on Zirconia	33.9 MPa	23.69 MPa	32.21 MPa	15.43 MPa
Radiopaque	Yes (2.1mm Al)	Yes (2.26 mm Al)	Yes (3.74 mm Al)	Yes (1.9 mm Al)
Fluoride Release	Yes	Yes	Yes	Yes
Calcium Release	Yes	No	No	No

TheraCem vs. Self-Adhesive Resin Cements

1

Calcium & Fluoride Release

TheraCem is a next generation cement that releases both **fluoride and calcium. TheraCem transitions from an acidic to an alkaline pH in minutes.[2] Calcium release stimulates hydroxyapatite and secondary dentin bridge formation.[1]**

No Calcium or Fluoride Release

Most resin cement **do not release fluoride and calcium** at the same time.

2

Strong Bond Strength to Zirconia and Metal

TheraCem® contains **MDP**, an adhesion promoting monomer. **MDP** will bond to zirconia and metal via an addition reaction, which generates a covalent bond and ultimately, bond strength. This phenomenon allows TheraCem® **to bond to zirconia and metal substrates without the use of an additional primer.**

Lower Bond Strength to Zirconia w/o an MDP Primer Pretreatment

There are Research has shown that resin cements show **higher shear bond strength value**, when the zirconia **substrate has been pretreated with an MDP containing primer** prior to cementation.[5,6]

3

Save a Step! Save $! Save Time!

With TheraCem®, there is **NO need for a primer when cementing to zirconia or other metal substrates.**

More Steps. More $. More Time

Glass Research shows that for resin cements it is recommended to use **an additional primer when cementing to zirconia and metal substrates and a silane agent when cementing to glass ceramics (porcelain, lithium disilicate, etc.)** in order to achieve a reliable bond strength.[5,6,7]

* BISCO has data on file.

5. Myung-Jin Lim, Mi-Kyung Yu, Kwang-Won Lee. The effect of continuous application of MDP-containing primer and luting resin cement on bond strength to tribochemical silica-coated Y-TZP. Restorative Dentistry and Endodontics. 2018 May; 43(2): e19.

6. Renally Bezerra Wanderley Lima, Suelem Chasse Barreto, Najm Mohsen Alfrisany, Thiago Soares Porto, Grace Mendonça De Souza, Mario Fernando De Goes. Effect of Silane and MDP-based Primers on Physico-Chemical Properties of Zirconia and Its Bond Strength to Resin Cement. Academy of Dental Materials 2019 Nov;35(11):1557-1567.

7. Ariene Arcas Leme, André Luis Pinho, Luciano de Gonçalves, Lorenço Correr-Sobrinho, Mario Alexandre Sinhoreti. Effects of Silane Application on Luting Fiber Posts Using Self-Adhesive Resin Cement. The Journal of Adhesive Dentistry 2013 Jun;15(3):269-74.

TheraCem vs. Glass Ionomers/Resin-Modified Glass Ionomers Cements

1 Calcium & Fluoride Release

TheraCem continuously releases **both fluoride and calcium. TheraCem transitions from acidic to an alkaline pH in minutes.**[2]

Incompatible With Etch

Calcium Glass ionomers & resin-modified glass ionomers have fluoride release but **do not contain or release calcium.**

2 Easy Auto-Mix Dual-Syringe Delivery

TheraCem's **easy and fast auto-mix dual-syringe provides a consistent mix for immediate delivery.**

Manual Mixing

Glass ionomers or resin-modified glass ionomers typically **require manual mixing, trituration, or a special dispenser.**

3 Save a Step! Save $! Save Time!

TheraCem **contains MDP! So there is NO need for a primer when cementing to zirconia or other metal or alumina substrates.**

More Steps. More $. More Time.

Resin-modified glass ionomers may recommend the use of **an additional primer when cementing to zirconia and metal substrattes.**[5,6]





A CEM in a Category of its Own

TheraCem stands apart as a superior, next generation cement that empowers you, the dentist, to deliver confident, efficient care while achieving optimal clinical outcomes for your patients.



Fluoride and Calcium Release

Continuous calcium and fluoride ion release.*



Contains MDP

Strong bond to zirconia, metal, and alumina substrates without primer.



Easy Clean-Up

Tack curing for 2-3 second facilitates the removal of excess cement.



Alkaline pH

Transitions from acidic to an alkaline pH in minutes.*



Radiopaque

Easily identified on radiographs for quick and effective diagnosis.

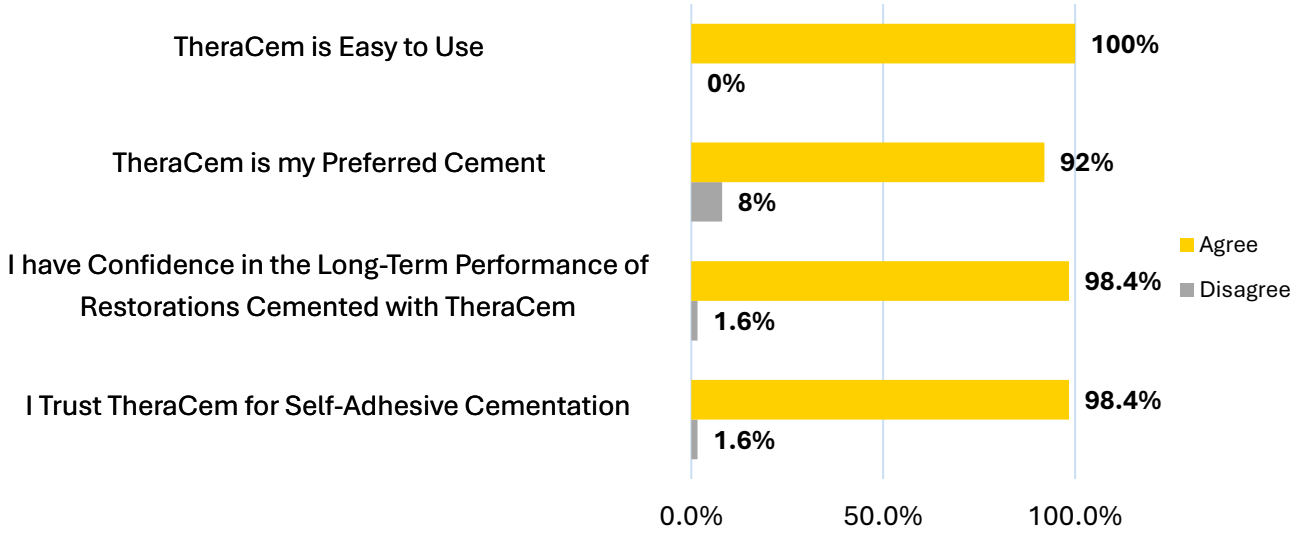
* BISCO has data on file.

Customer Feedback

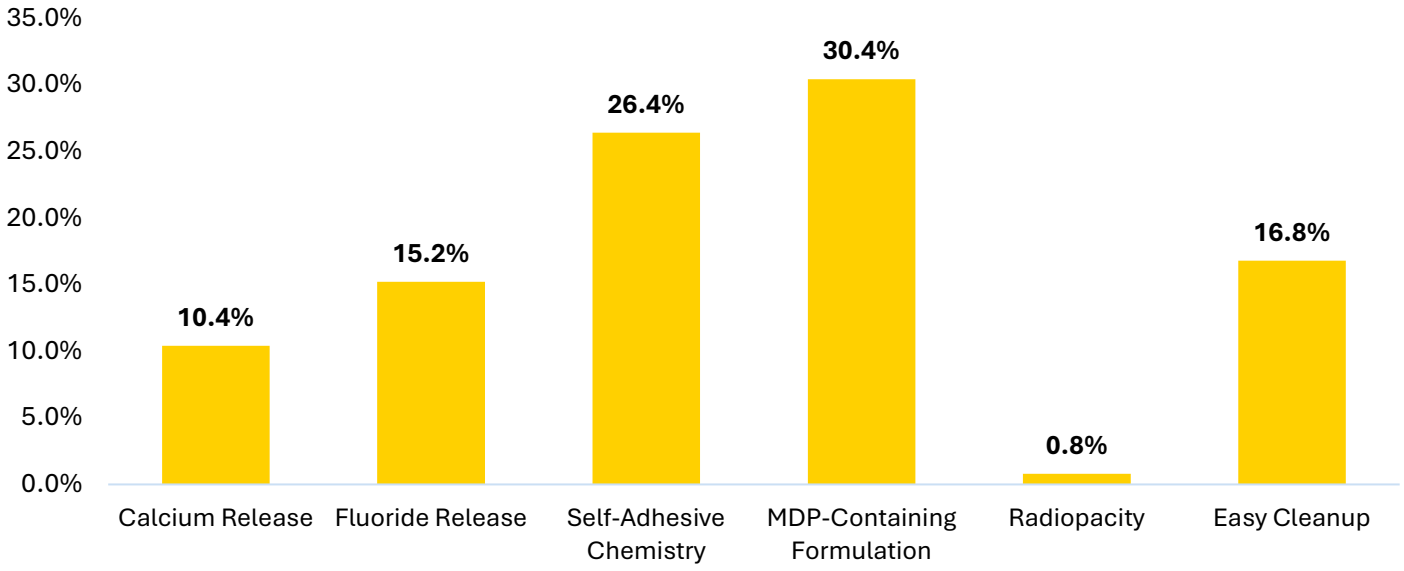
An online survey was conducted amongst active TheraCem users to collect customer feedback in the United States, generating a total of **125 responses**. The survey included a series of rating-scale questions designed to thoroughly assess key attributes of the material, including clinical performance and reliability, handling characteristics, and overall user satisfaction.

The results reinforce what clinicians experience daily: dependable performance, easy to use, and confidence in long-lasting restorations.

The chart below presents clinician responses to the satisfaction-related questions.*



Which TheraCem® Feature do you find Most Valuable?



*BISCO has data on file.

Customer Testimonials

Hear what dentists across the country are saying about their experience using TheraCem in everyday restorative procedures!



Scott Miller, DDS,
Skokie, IL

"Knowing there is a fluoride and calcium release gives me more confidence in the success of the cementation."



Juan Jose Lopez, DDS,
Ojai, CA

"TheraCem is easy to clean up after 3 seconds of tack curing."



Scott Schaffer, DMD,
Clark, NJ

"I had no reports of post cementation sensitivity after using TheraCem."



George Reskakis, DDS,
New York, NY

"TheraCem bonds very well to zirconia and has streamlined the cementation process by eliminating the etching step."



Nilay Nanavati, DDS,
Lindenhurst, NY

"ZirClean and TheraCem provide an easy workflow for cementation of indirect restorations."

Frequently Asked Questions

1. **What shade is TheraCem's "Natural"?**

   TheraCem®'s "Natural" shade is most similar to a "Dentin" shade.

2. **Can TheraCem be used with an additional bonding agent (i.e. All-Bond Universal®) for added bond strength?**

   Although separate adhesive bonding agents can be used with any self-adhesive cement, using additional primers or adhesives with TheraCem may disrupt the Calcium and Fluoride release. If added bond strength is required, BISCO recommends using All-Bond Universal and Duo-Link Universal.

3. **I know TheraCem has MDP, but what happens if you use Z-Prime Plus & TheraCem?**

   Applying Z-Prime Plus to the substrate is not required when cementing with TheraCem. There are neither benefits nor consequences to using them together. Save time and money, and take advantage of TheraCem's benefits!

4. **With what type of substrates can TheraCem be used?**

   TheraCem is compatible with a variety of substrates including zirconia, lithium disilicate (e.max®), and feldspathic porcelain.

5. **What is the difference between TheraCem and BisCem®?**

   Both TheraCem and BisCem are self-adhesive cements. However, TheraCem includes the following features as compared to BisCem:

   - Fluoride and calcium release
   - Higher bonds strengths; especially to Zirconia – Contains MDP
   - 18-month shelf life at room temperature (BisCem requires refrigeration)
   - Higher radiopacity and can be easily identified on a radiograph
   - Easy clean-up and removal of excess cement
   - Alkaline pH after bonding

6. **Do I need to use silane on my glass ceramic restorations?**

   Yes, in order to achieve reliable cementation results, all glass ceramic substrates should be pre-treated with a silane primer such as BISCO's Porcelain Primer.

Ordering Information

Refill

D-46311P

TheraCem 8g Dual-Syringe Refill
1 Dual-Syringe TheraCem (8g), Accessories, Instructions

Accessories

X-81257P

Dual-Syringe Mixing & Intraoral Tips
30 ct. dual-syringe static mixing tips are intended to be used with TheraCem.

Accessories

X-81252P

Dual-Syringe Static Mixing Tips
30 ct. dual-syringe static mixing tips are intended to be used with TheraCem.

TheraCem has set the benchmark for performance, reliability, and clinical confidence. Trusted by clinicians worldwide, it continues to raise the bar in pulpal protection, delivering consistent results you can depend on every day.

Join the growing number of clinicians who have already made the switch to TheraCem!



Call us! We're here to help:

1-800-247-3368

www.bisco.com

BISCO

THE BISCO STORY



Find out how BISCO's beginnings form the foundation of our commitment to lasting results and confident smiles

Restoration, Simplified

BISCO founder Dr. Byoung Suh began his scientific career as a research chemist developing restorative bonding products. In 1981, he founded BISCO to provide simplified, effective restoration solutions.

Over 40 years later, this goal guides BISCO's work to revolutionize bonding and make better dentistry possible across key areas:

- **Treatment Outcomes**
- **Efficiency**
- **Cost Savings**
- **Patient Satisfaction**

The Values Behind the Science

BISCO's commitment to better restorative dentistry goes beyond a passion for science. Guided by our core values, we apply our passion to offer you solutions.

Sharing Knowledge
We're always available to help you get the right solutions and perform your best dentistry.

Innovative Thinking
We incorporate customer feedback and industry conversations to design simple, effective products.

A Growth Mindset
We continuously evaluate our solutions for new ways to overcome common challenges.

Integrity
Every BISCO product is thoroughly researched and tested - often for years - before launch.

Bonding Breakthroughs

You tell us what you need - and we find a way. Here are some BISCO products that have helped to streamline protocols and deliver better results.

2009 **Z-Prime™ Plus**
The first dedicated zirconia primer

2011 **TheraCal LC®**
The first combined pulpcapping agent and liner

2012 **All-Bond Universal®**
A powerful, reliable single-bottle bonding agent

2016 **TheraCem ®**
A self-adhesive cement with THERA technology/zirconia bonding

For over 40 years, BISCO innovations have helped clinicians deliver predictable outcomes and preseve natural dentition.

BISCO: Who We Are

At BISCO, we cherish our customers as if they were part of our own family. We are committed to delivering exceptional service and support every step of the way.

Corporate Video



Click here to learn more about who we are and our history!

Trusted by Dentists Who Demand Predictable Results



John Horn, DMD
Horn Family Dental

"BISCO puts out very good products that every general dentist can use, and these competitively priced products produce outstanding results. BISCO just provides the personal touch."



Lauren Yasuda Rainey, DDS

"BISCO is a solid organization, from chemical science to clinical delivery. Their top-notch customer service and knowledgeable team help me understand the research behind their materials, giving me confidence in patient care. Dentistry can be unpredictable, but with BISCO, I know I'll get consistent, reliable results."

BISCO's Direct-to-You Promise

Get the customer-driven products and services you need from the experts who make them. BISCO is a direct-to-you company, meaning we sell, ship, and serve our customers directly, and you can ONLY get BISCO products directly from us. This allows us to provide you with special advantages that you can't get anywhere else and because BISCO works directly with clinicians, you receive faster support, better pricing and innovations designed around real clinical challenges. With BISCO, it's not just dental products; it's a whole lot more!

DIRECT PRODUCTION
BISCO controls every aspect of the manufacturing process to always deliver the best quality.

DIRECT CONNECTION
Your feedback guides our new offerings and continuous product improvements.

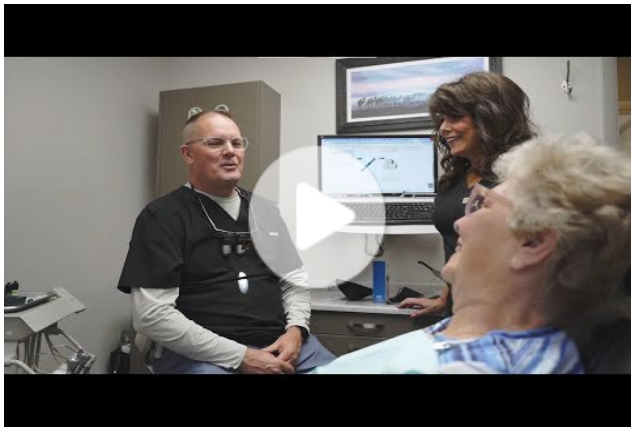
DIRECT ACCOUNTABILITY
If you're not satisfied for any reason, we'll give you a 100% refund.

DIRECT SERVICE
Speak with a BISCO expert and get real-time answers about accounts, products and inventory optimization.

DIRECT DELIVERY
Get fresh inventory straight to your door for the longest possible shelf life.

DIRECT SAVINGS
Quality, innovation and reduced inventory – without the distributor markup.

Dr. John Horn's Direct-to-You BISCO Experience



Click on the video to hear about Dr. John Horn's direct-to-you experience with BISCO!

VISIT US AT WWW.BISCO.COM FOR A COMPLETE PRODUCT CATALOG!

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