ceramir®

CROWN & BRIDGE QUIKCAP

REDEFINING CEMENT.

DOES YOUR CEMENT...

CLEAN-UP EFFORTLESSLY?
SET AT A HIGH pH?
GET STRONGER OVER TIME?
MAKE YOUR PATIENTS HAPPY?



OURS DOES. LEARN MORE INSIDE.

Ceramir® Crown & Bridge

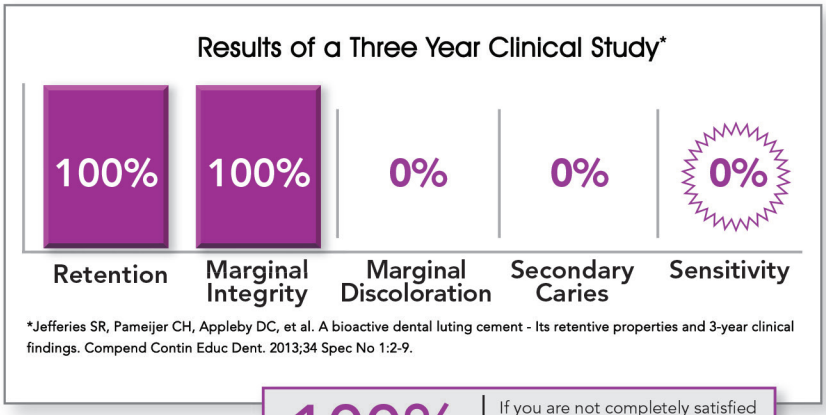
Ceramir Crown & Bridge... the revolutionary bioceramic dental luting cement and the first product in a new class of unique materials, performs with outstanding effectiveness, durability, and ease-of-use. Ceramir C&B sets a new standard of performance for the permanent cementation of metal and porcelain fused to metal (PFM) crowns and bridges, gold inlays and onlays, cast and prefabricated metal posts and high strength ceramics such as all-zirconia, all alumina or lithium disilicate restorations.

3-Year Follow-Up Study Recall Data

▶PROVEN! Outstanding performance*

Now a 3-year follow-up study confirms the many handling and long-term benefits that are immediately appealing for practitioners and patients alike...

- No sensitivity
- Exceptional retentive strength
- Superior marginal integrity
- No marginal discoloration
- No secondary caries



*Jefferies SR, Pameijer CH, Appleby DC, et al. A bioactive dental luting cement - Its retentive properties and 3-year clinical findings. Compend Contin Educ Dent. 2013;34 Spec No 1:2-9.

100% GUARANTEE If you are not completely satisfied with Ceramir Crown & Bridge Luting Cement, simply return the unused portion for a full refund.

A Permanent and Stable Seal

▶PROVEN! Superior marginal integrity[1]

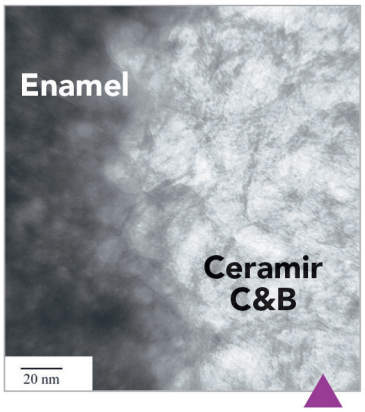
Ceramir Crown & Bridge has a unique capacity to create a marginal seal that will not degrade over time.

Unlike all other cements:

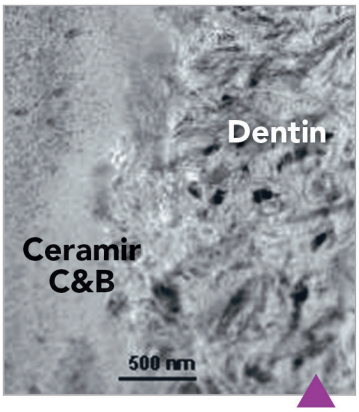
- High pH creates an environment that supports self-sealing properties
- Integrates completely with the tooth structure and creates a seamless interface between tooth and cement
- Successfully integrates with all irregularities on the contact surface
- Maintains an alkaline environment to resist acid and bacterial decay

[1]Jefferies SR, Pameijer CH, Appleby D, Boston D, Galbraith C, Lööf J, Glantz P-O.Prospective Observation of a New Bioactive Luting Cement: 2-Year Follow-Up.J Prosthodont. 2012;21:33-41.

Seamless Nano-structural Integration



Ceramir Crown & Bridge has integrated with enamel *in vivo*.

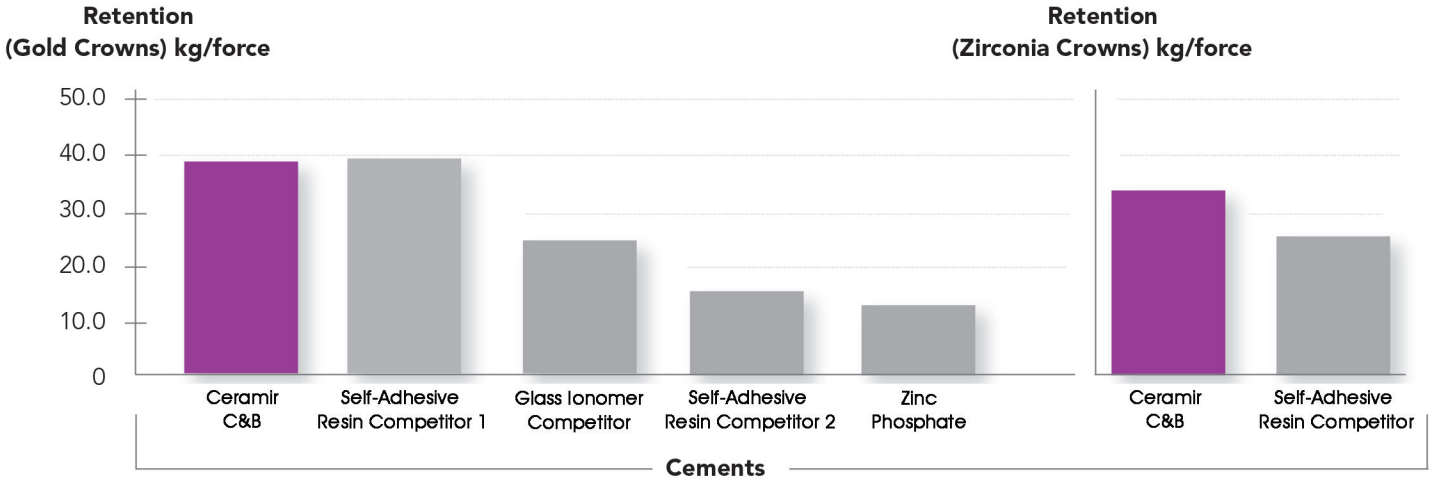


Ceramir Crown & Bridge has integrated with dentin *in vitro*.

Exceptional Strength and Durability

▶PROVEN! Resin-cement-like retentive strength that protects the tooth over time[2]

Ceramir Crown & Bridge's retention is equal or superior to self-adhesive resin cements.



[2]C.H. Pameijer, et al.: A comparative crown retention test using XeraCem™, J. Dent Res. 2008; 87(B): 3099. Ceramir Crown & Bridge was previously called XeraCem.

Superior Biocompatibility

▶PROVEN! Non-irritating to the pulp - based on undisputed histological evidence[3]

- ZERO post – operative sensitivity*[1]
- Similar to hydroxyapatite
- Thermal properties similar to dental tissue help minimize stress
- Five-year in vivo calcium aluminate study proves biocompatibility[4]

*No cement related post-op sensitivity was reported in clinical studies, handling evaluations or post market surveillance among more than 25,000 patients.

[1]Jefferies SR, Pameijer CH, Appleby D, Boston D, Galbraith C, Lööf J, Glantz P-O.Prospective Observation of a New Bioactive Luting Cement: 2-Year Follow-Up. J Prosthodont. 2012;21:33-41.

[3]Pameijer CH, Jefferies SR, Lööf J, Hermansson L, Wiksell E. In vitro and in vivo biocompatibility tests of XeraCem™. J Dent Res. 2008; 87(B):3097.

[4] Kraft L, Saksim M, Hermansson L, Pameijer CH., A five-year retrospective clinical study of calcium-aluminate in retrograde endodontics. J Dent Res 2009; 88(A): 1333.

Easy to Use and Handle

▶PROVEN! Clinicians report ease of use and easy seating[1]

- No etching, priming, bonding or conditioning necessary— Saves Time!
- Moisture tolerant – no need for keeping the preparation dry
- Unique consistency – makes seating of the restoration effortless
- FAST and EASY clean-up – excess material is easily removed

[1]Jefferies SR, Pameijer CH, Appleby D, Boston D, Galbraith C, Lööf J, Glantz P-O.Prospective Observation of a New Bioactive Luting Cement: 2-Year Follow-Up.J Prosthodont. 2012;21:33-41.



Ceramir® Crown & Bridge used with all-lithium disilicate crowns. Photos courtesy of Lou Graham, DDS.

Comparison of Ceramir C&B to other Dental Material Classes (data on file)

	Ceramir C&B	Self-Adhesive Resin	Resin-Modified GI	Glass Ionomer
Sets at high pH, forms apatite	■			
No post-op sensitivity	■			
Exceptional retentive strength	■	■		
Superior biocompatibility	■			
No etching, priming, bonding or conditioning	■	■	■	
Easy clean-up	■		■	
Shown in preliminary study to close artificial marginal gaps[1]	■			

1 Jefferies SR, Fuller AE, Boston DW. Preliminary evidence that bioactive cements occlude artificial marginal gaps. *J Esthet Restor* Dent. 2015. doi:10.1111/jerd.12133. [Epub ahead of print]

40020 - Ceramir Applicator

40030 - Ceramir C&B QuikCap 20-pk
(.17mL Capsules - 20/box)

40031 - Ceramir C&B QuikCap Intro Kit
(10 Ceramir C&B QuikCaps (.17mL), 1 Applicator)



Pride INSTITUTE "Best of Class" TECHNOLOGY AWARD 2013

Pride INSTITUTE "Best of Class" TECHNOLOGY AWARD 2014

Pride INSTITUTE "Best of Class" TECHNOLOGY AWARD 2015

EDITORS' CHOICE THE DENTAL ADVISOR ++++½

THE DENTAL ADVISOR 2013 Top Cements - Innovative

THE DENTAL ADVISOR 2014 Top Cement - Innovative

THE DENTAL ADVISOR 2015 Top Cement - Innovative

THE DENTAL ADVISOR 2016 AWARD Cements: Innovative

Dental PRODUCT SHOPPER BEST PRODUCT 2012

top 5 TEST DRIVES DENTAL PRODUCTS REPORT 2013

TOP 100 DENTAL PRODUCTS REPORT

CELLERANT BEST OF CLASS TECHNOLOGY AWARD 4 TIME WINNER

Doxa Dental AB, Sweden, parent company of Doxa Dental Inc., is renowned for its development of innovative and proprietary bioceramic technologies. Following extensive research, development and clinical studies, Ceramir Crown & Bridge, was successfully launched in Sweden in 2009 and in the United States, June 2011.

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