

Bioceramic Luting Cement. It's a Natural.



For the Doctor:

A perfect match for  Full Contour Zirconia Crowns & Bridges

- ★ Easy, Fast, Effective
- ★ Superior retention to zirconia
- ★ No primers or special cleaners required
- ★ Hydrophilic and handles well in moist environments
- ★ Wets and flows well
- ★ Easiest cement to clean-up
- ★ Also great for your lithium disilicate and PFM cases, and more



For the Patient:

A permanent, stable seal for the best long-term protection

- ★ Natural – Biocompatible – Bioactive
- ★ Nano-crystals of apatite seal the interface completely and permanently
- ★ Sets at a high pH for permanent acid resistance (unlike all other cements)
- ★ Remains chemically stable in the oral environment over time
- ★ Non-irritating to the pulp – based on undisputed histological studies
- ★ No post-op sensitivity¹

For the Lab:

Educating your customers

- ★ Providing them the best combination possible means happy customers for you!

For more information visit www.ceramirus.com

¹ No cement related post-op sensitivity was reported in clinical trials, handling evaluations or post market surveillance among more than 25,000 patients.

² Data on File

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DENTAL

Comparison to Other Dental Material Classes²

Material Class	Ceramir Crown & Bridge	GI/RMGI	RESINS	SELF ADHESIVE RESIN	ZINC PHOSPHATE
Hydroxy Apatite Formation/ Self-seal	YES	NO	NO	NO	NO
Nanostructural Integration	YES	NO	NO	NO	NO
Biocompatibility	EXCELLENT	fair/OK	OK	OK	good
pH	BASIC	acidic	acidic/neutral	acidic/neutral	acidic
Post-op Sensitivity	NO	YES	YES	YES	YES
Extra Treatment	NONE	conditioning & zirconia primers	etching/bonding & zirconia primers	zirconia primers	none
Water Sorption	NO	NO	YES	YES	NO
Shrinkage	NO	NO	YES	YES	NO
Stability Over Time	STABLE	degrades	degrades	degrades	degrades
Retention	HIGH	MEDIUM	HIGH	HIGH	LOW
Fluoride Release	YES	YES	NO	NO	NO
Hydrophilic/Hydrophobic	HYDROPHILIC	hydrophilic	hydrophobic	initially hydrophilic/ hydrophobic	hydrophilic
Integration Mechanism	NANOSTRUCTURAL INTEGRATION	micromechanical retention, chemical bonding/adhesion	adhesion/ micromechanical retention	adhesion/ micromechanical retention	micromechanical retention

Steps for using Zirlux FC2 Full Contour Zirconia with Ceramir

1. Remove temporary crown and cement
2. Try-in Zirlux FC Full Contour Zirconia crown
3. Clean with water or any other method, 1 airblast to dry crown
4. Cotton roll off excess moisture from prep (do not dry)
5. Mix cement, load crown with Ceramir (2 min working time)
6. Seat crown, apply finger pressure
7. Clean-up at about 3 min during gel phase
8. Fully set at 5 minutes

DO NOT USE:
bonding agents
primers
silane
or other treatments
on crown surface