

CEREC® Essentials



An Optimized Workflow
for CAD/CAM Dentistry

Better, Safer, and Faster CEREC® Dentistry

Restorative procedures often make for tedious work. With a plethora of available options to choose from by way of milling blocks, adhesives, and cements, the clinician is left to mix and match various material combinations, which ultimately, can take away from productive treatment time spent with patients.

Designed to instill clinical confidence, CEREC Essentials are a carefully curated suite of restorative materials intended to promote consistent outcomes. The system is comprised of two high strength milling blocks to select from at your own discretion as well as three complementary procedural components which, when used in tandem with the core materials, fabricate quintessential restorative results.

These solutions give you the flexibility to design your restorations utilizing Celtra® Duo Zirconia-reinforced Lithium Silicate (ZLS) or CEREC® Zirconia Translucent Oxide blocks, giving you the freedom to choose the material that's most clinically appropriate for the case at hand. From a treatment perspective, CEREC Essentials allow you to place restorations with the confidence that each appointment will transpire with predictable restorative results.



Trust, Speed, Simplicity

CEREC® Essentials is exemplified by three key attributes:

- **Trust**—CEREC Essentials epitomizes reliability and is backed by extensive materials research and design science, to inspire trust in the system's clinical benefits, case after case. With easy-to-follow steps to maximize its capabilities, these material solutions instill confidence on the part of both clinicians and patients alike.
- **Speed**—The CEREC Essentials workflow requires fewer ancillary items and delivers rapid results with zero compromise in case outcome or quality. Celtra® Duo's ZLS microstructure enables faster polishing, possesses high light conductivity and shade adaptation, and flexible processing with minimal effort, flexibility in processing method, and no need for firing pins or putty. Additionally, CEREC Zirconia can be fired in the dental office utilizing CEREC SpeedFire, all in an effort to increase the speed of your case completions without compromise to strength, fit, and finish.
- **Simplicity**—CEREC Essentials reduces material complexity through the application of simple, efficient CAD/CAM dentistry. It provides a simplified process to facilitate a smooth workflow, with fewer steps involved. By eliminating extraneous components that complicate desired outcomes, CEREC Essentials stands as an intuitive system of products conceived to produce optimal restorative outcomes in the most simple and efficient way possible, without sacrificing safety or clinical integrity.



CEREC
SpeedFire



Efficient and Streamlined Workflow—Celtra® Duo

Celtra® Duo is a high strength ZLS block that yields complete control with every procedure. It permits you to determine the level of esthetics you wish to achieve and the degree of strength you elect to reach using three processing options—**polish only (no firing)**; **polish and fire**; or **stain/glaze and fire**.

Benefits Include:

- Significantly faster firing times when used in conjunction with CEREC® SpeedFire
- Multi-pathway processing
- Fine grained lithium silicate crystallites which convey outstanding mechanical properties and esthetics
- Excellent edge stability, resulting in restorations with durable margins that resist chipping
- Impressive optical properties bestow restorations with the appearance of natural teeth

Complementary Materials:

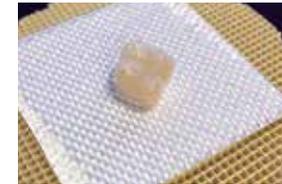
Prime&Bond elect®—A low film thickness adhesive, Prime&Bond elect minimizes pooling to allow passive seating of the restoration. The adhesive has a low water uptake and provides a high bond strength when placing material on dentin and enamel. Prime&Bond elect also displays low postoperative sensitivity with minimal microleakage, ensuring a firm seal of the restoration.

Calibra® Ceram Adhesive Resin Cement—Used with Prime&Bond elect, this easy cleanup, high strength formulation offers superior performance with no need for a self-cure activator or mixing of primers.

Option 1 - Polish only



Option 2 - Polish and Fire



Option 3 - Stain/Glaze and Fire



Efficient and Streamlined Workflow—CEREC® Zirconia

A high performance, pre-colored translucent zirconium oxide material, CEREC Zirconia enables tooth-preserving preparations for full-contour zirconia restorations.

Benefits Include:

- Completed using CEREC SpeedFire, boasts the industry's shortest sintering cycles for zirconia.
- 25% larger pre-sintered state produces accurate margins and occlusal surfaces.
- Sintering process requires only 10-15 minutes for crowns and 25 minutes for bridges.
- Subsequent glaze firing lends the restoration a high gloss finish.
- Available in 10 different shades on the basis of the VITA® Classical Shade Guide.
- Requires a lower wall thickness and less reduction in tooth structure for full-strength.
- With that high strength of >900 MPa also cementation is possible.

Complementary Materials:

Calibra® Universal Self-Adhesive Resin Cement—Eliminating rushed clean-ups, Calibra Universal Self-Adhesive Resin Cement comprises a wide tack cure window of up to 10 seconds, and an extended 45-second gel phase. The cement requires no additional etchant or adhesive, and offers ease-of-use to keep restorations durable over time.



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Step 1 - Scan



Step 2 - Plan



Step 3 - Mill



Step 4 - Fire



Consistent, predictable restorative outcomes case after case.

At Dentsply Sirona, we developed CEREC® Essentials to be the total procedural solution for all of your CAD/CAM restorative needs. Our focus is on empowering dental professionals to provide better, safer, faster dental care. We work with them to envision what's possible, and then provide innovative solutions to achieve it.

For more information on CEREC Essentials visit dentsplysirona.com.

