

Deliver what today's dentists are demanding.

For beauty and biocompatibility, an ever increasing number of dentists are demanding high-esthetic, metal-free restorations. Finesse All-Ceramic makes it easy and profitable for you to deliver what they want. With Finesse All-Ceramic, you can provide unsurpassed esthetics, outstanding wear characteristics, exceptional durability and chairside polishability.

Double your productivity.

Plain and simple, a large part of your lab's success depends upon your ability to increase productivity and maximize profitability. You can do both with the Finesse All-Ceramic System. Compared to the other well-known all-ceramic systems, Finesse All-Ceramic can reduce your production time by up to 50%.

Finesse All-Ceramic enhances your profitability because it offers:

- A rapid investment system that's easy to work with
- Shorter burnout time and press time
- No need to preheat ingots
- No need for wash coat step
- Lower material costs
- Reduced start-up costs
- One porcelain-Finesse low-fusing porcelain—for all your needs

And that's not all. The Finesse All-Ceramic core can be pressed in most pressing furnaces. That means there's no need to replace equipment that you've already purchased. What's more, Dentsply Ceramco provides a full range of training programs, marketing materials and technical support to make using Finesse All-Ceramic as easy, productive and cost-effective as can be.



Ease and versatility

When it comes to successfully operating your lab, two components are key: ease of production and versatility of technique. Finesse All-Ceramic gives you both. Because of the unique match of the ceramic core and porcelain, you get the versatility of three technique options.



Dentin/Enamel Layered Technique

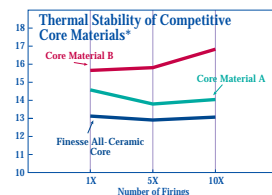


Enamel Layered Technique



Staining Technique

Both the Finesse All-Ceramic core material and Finesse low-fusing porcelain provide unparalleled thermal stability. This is a contributing factor for higher productivity in your lab and the durability of your work.



Finesse low-fusing porcelain and core material maintain excellent thermal stability even after 10 consecutive firings.

FINESSE® ALL-CERAMIC

Perfection in porcelain.™

Contact your Dentsply Ceramco representative today or call **800-243-1942** to place an order.
(Outside the USA and Canada, contact your Dentsply Ceramco distributor.)

ISO 9001 Certified

DENSPLY
CERAMCO

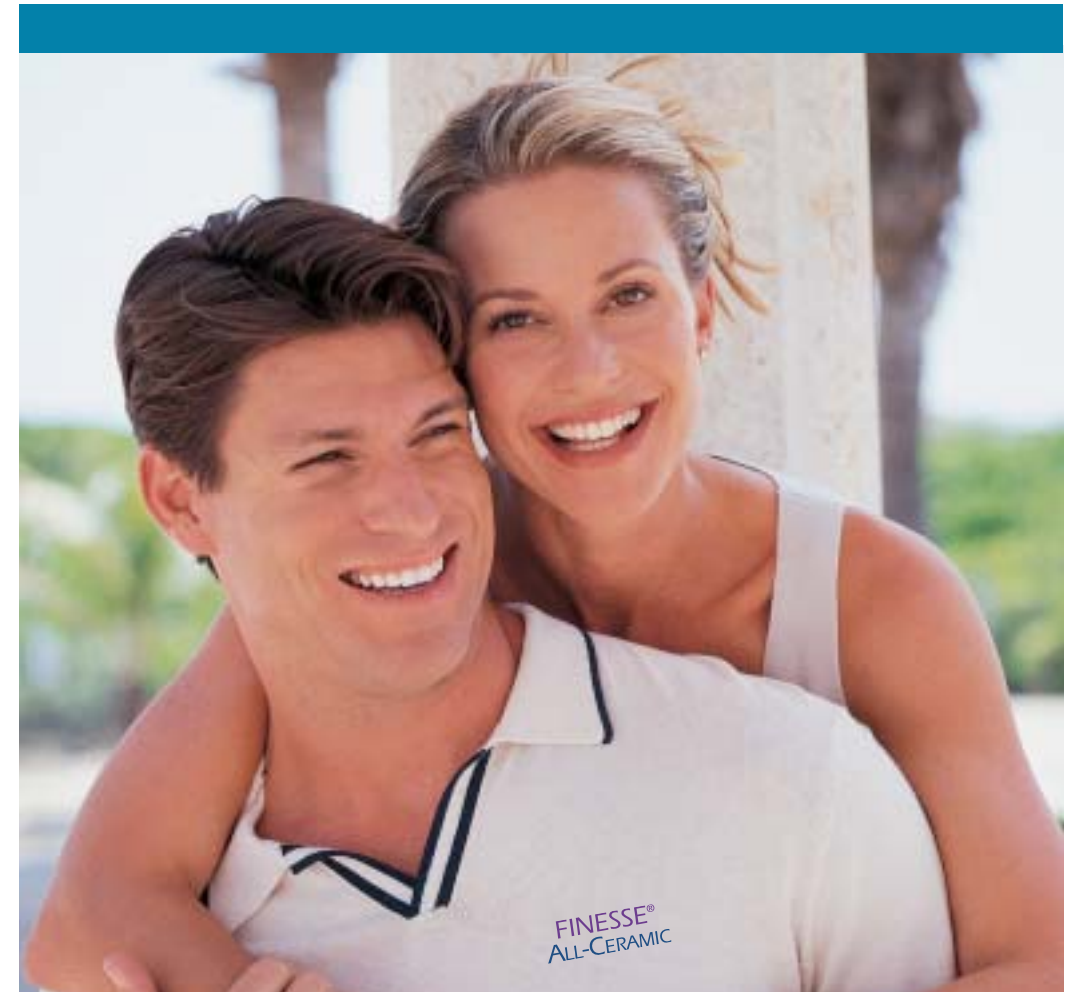
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FINESSE®
ALL-CERAMIC

Perfection in porcelain.™

DENSPLY
CERAMCO

The chemistry of a great smile.

Finesse All-Ceramic is the “next-generation” all-ceramic system.

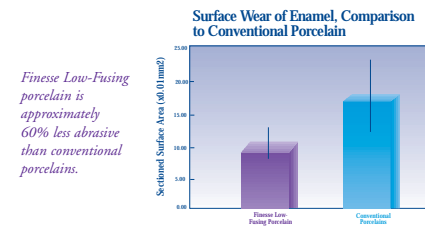


Restorations courtesy of master ceramist, Axel Seeger, Germany

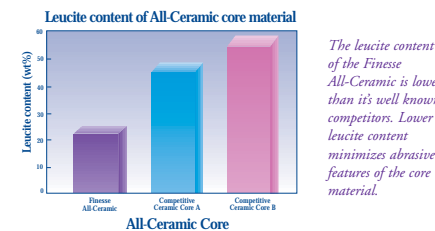
Imagine having all the benefits of Finesse low-fusing porcelain on a beautiful ceramic core. This translucent and fluorescent ceramic substructure allows the ceramist to fully optimize the esthetics of Finesse porcelains. And what makes it so perfect is that you can do all of your restorations while staying within the Finesse family of products. That means you get the ease, confidence and cost-effectiveness of using only one system to create beautiful and durable restorations, including all-ceramics, PFM's, veneers, and inlays and onlays.

The performance of Finesse.

- **Chairside polishability**—on-the-spot polishing with no need for reglazing eliminates additional patient visits and lab remakes
- **Kindness to opposing dentition**—less wear on opposing dentition when used on all-ceramic restorations
- **Exceptional wearability**—to ensure the long life of the restoration
- **Superior esthetics**—a result of the patented Finesse Color Correlation System combined with the inherent beauty engineered into the low-fusing porcelains
- **Full spectrum of porcelains**—to meet all the dentist's ceramic needs, including all-ceramics, PFM's, inlays, onlays and veneers, as well as White shades for matching bleached dentition



Finesse Low-Fusing porcelain is approximately 60% less abrasive than conventional porcelains.



The leucite content of the Finesse All-Ceramic is lower than its well known competitors. Lower leucite content minimizes abrasive features of the core material.



Coping Pressed to 0.8mm



Dentin Core with Enamel Cutback



Core Pressed to Full Contour

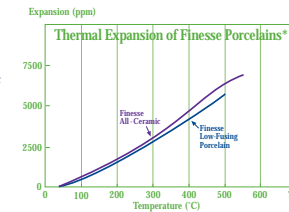
And with Finesse All-Ceramic you get a beautiful ceramic core that delivers:

- **Ideal translucency and fluorescence** – engineered to blend with the Finesse porcelains
- **Excellent marginal fit** – especially important when using Finesse All-Ceramic for inlays, onlays and veneers
- **Etchability of core material** – enabling an excellent bond to natural tooth structure

Achieve “Perfection in Porcelain” with Finesse All-Ceramic.

Perfection to the core

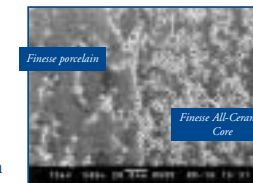
The Finesse All-Ceramic core material is engineered with the coefficient of thermal expansion matched to that of the Finesse low-fusing porcelain. To maximize crown strength and improve crack resistance, Ceramco scientists actually set the thermal coefficient of the core material slightly higher to create a beneficial compression in the porcelain.



These expansion curves illustrate the close thermal match between Finesse low-fusing porcelain and the Finesse All-Ceramic core. The core is slightly higher to keep the porcelain in compression.

An ideal bond is achieved between porcelain and core without the need to create a wash layer.

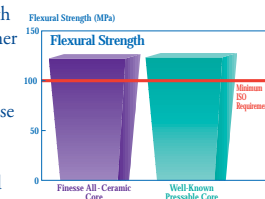
This characteristic not only enhances the integrity of the restoration, it virtually erases the seam between core and porcelain, an important esthetic consideration.



The SEM above reveals the virtually invisible interface between Finesse All-Ceramic core material and Finesse low-fusing porcelain.

More than meets the eye.

The advanced materials for Finesse All-Ceramic have been developed so that your lab can build restorations with the highest quality and durability. The glass matrix of the Finesse All-Ceramic core material contains fine leucite crystals that are uniform in both size and distribution. While delivering strength that's comparable to other well know pressable systems, the optimum micro-structure of Finesse All-Ceramic enhances physical characteristics and provides the desired degree of translucency. What's more, the pressed cores are extremely easy to grind and do not chip in thin areas.



Measured under similar conditions, the Finesse All-Ceramic core exhibits strength comparable to other well-known pressable materials.

Finesse esthetics keep your lab looking good.

For the first time, you'll have a full spectrum of porcelains—opaceous dentins, dentins, modifiers and stains—at your disposal for completing your all-ceramic restorations. Even bleached or whitened dentition can be matched with the illuminé shades in porcelains and shade stains. Plus, now you have one porcelain for all of your ceramic restorations.

Finesse All-Ceramic ingots are matched to the Finesse low-fusing dentin porcelains to ensure the ultimate in esthetics. With the Finesse All-Ceramic System, you can match the shades your dentists specify with more accuracy, vitality and depth than with other all-ceramic systems.



To insure exacting shades, the system includes a die material designed to mimic the shade of the prepared tooth and a corresponding shade guide for chairside use.

The beauty of Finesse All-Ceramic goes beyond shade match.

Your All-Ceramic restorations will exhibit a life-like translucency that captures and reflects light like a natural tooth. Regardless of the thickness of the restoration, the patented Finesse Color Correlation System ensures seamless beauty. You'll also see a unique opalescence in your all-ceramic restorations. Finesse low-fusing porcelains incorporate unique opalescent ingredients to produce natural opalescence. In addition, all components of the system fluoresce, from the Finesse All-Ceramic core material to low-fusing porcelain to stains. This translates to a truly natural look in all lighting situations.



This photo of a Finesse All-Ceramic crown taken under ultraviolet light shows the natural fluorescence that permeates the restoration.