

Our decades of innovation in composite materials taught us what matters most to dentists.



Handling



Esthetics



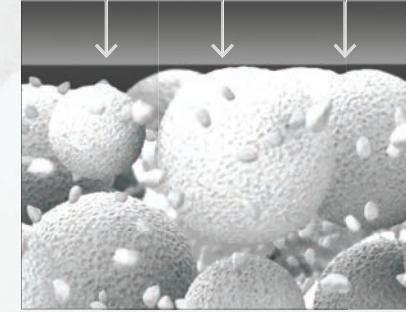
Longevity

SphereTEC® Filler Technology

Magnification of a 15 micron diameter SphereTEC® filler particle

Ceram.x Spectra™ ST composites excel where it counts thanks to SphereTEC® filler technology.

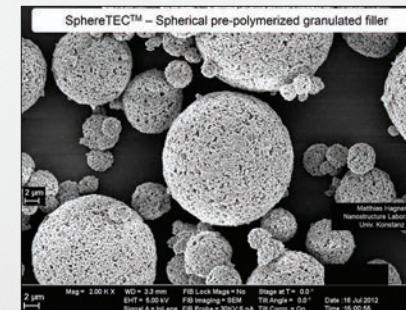
Key performance advantages of Ceram.x Spectra™ ST composites were made possible with SphereTEC® filler technology. The SphereTEC® fillers' morphology, particle size distribution, and surface microstructure deliver the benefits that matter most to dentists.



Optimized Handling

Easy handling is essential to placement efficiency. The shape and size distribution of SphereTEC® fillers creates a ball-bearing like effect that enables excellent adaptation and sculptability. And they bind more free resin than usual fillers to avoid stickiness.

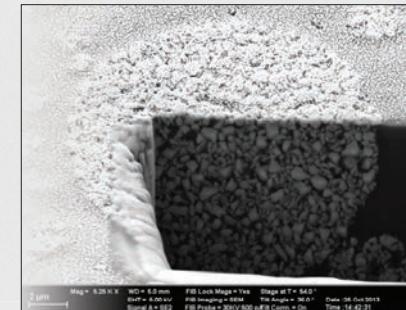
SPHERICAL



Simplified Esthetics

Natural esthetics should be easy to create. SphereTEC® fillers are uniquely constructed to balance opacity, translucency, light absorption, and scattering for an excellent chameleon effect. Their microstructure enables a fast polish to a high gloss.

MICRO-SCALED



Reliable Longevity

Durable results promote profitability and reputation. High filler packing density plus micro-mechanical locking of our resin and fillers deliver material strength and durability. And our resin infiltrated, prepolymerized filler design enables sophisticated stain resistance.

SUPERSTRUCTURES

Simplify every restoration with Ceram.x Spectra™ ST composites featuring SphereTEC® technology

Your most common cases, covered.



Ceram.x Spectra™ ST Universal Composite Restorative

Experience the ease of optimized handling in your ideal viscosity with five universal CLOUD shades that cover the full VITA®ⁱ range.



Complex anterior cases, simplified.



Ceram.x Spectra™ ST Effects Universal Composite Restorative

Featuring two additional opacities that work together in a simplified layering system with Ceram.x Spectra™ ST's 5 universal CLOUD shades.



Efficient esthetic flowable versatility.



Ceram.x Spectra™ ST flow Flowable Composite Restorative

Versatile flow-on-demand handling with shades perfectly matched to our universal composite portfolio.

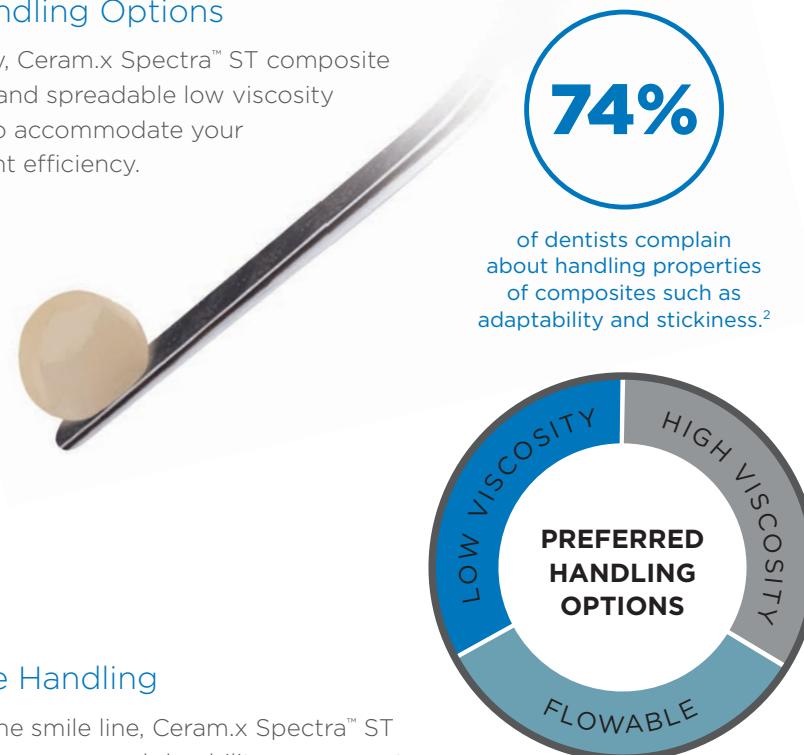


Your preferred handling

Two Universal Composite Handling Options

Thanks to SphereTEC® filler technology, Ceram.x Spectra™ ST composite offers optimized handling in a creamy and spreadable low viscosity or a firm and packable high viscosity to accommodate your preference and technique for placement efficiency.

- Doesn't stick to hand instruments
- Adapts easily to cavity surfaces
- Easy to sculpt and shape
- Excellent slump resistance



Versatile Flowable Composite Handling

For traditional flowable indications in the smile line, Ceram.x Spectra™ ST flow material enables the esthetic performance and durability you expect from a SphereTEC® based composite in flowable form.

- Flow-on-demand handling
- Excellent cavity adaptation
- Stays where placed until instrumentation initiates flow



Simplified esthetics

Universal CLOUD shades for common cases

SphereTEC®'s primary filler particles and resin together enable an excellent chameleon effect for simplified shade matching. One universal CLOUD shade is all you need for the majority of cases.

- 5 universal CLOUD shades cover the full VITA®¹ range
- Reliable, accurate shade match to surrounding tooth structure
- Save money and shelf space by reducing inventory
- BW shade available for bleach white restorations



VITA® is not a registered trademark of Dentsply Sirona.

Plus dentin and enamel shades for complex anterior cases

For esthetically demanding anterior cases, Ceram.x Spectra™ ST Effects and Ceram.x Spectra™ ST universal CLOUD shades work together in a simplified layering technique.

- Select one of two dentin effects shades for added opacity
- One enamel effect shade for a highly translucent incisal edge
- Simple recipes and technique for advanced esthetic results



Over **1/3**
of clinicians consider color matching to be the most challenging aspect of Class IV restorations.⁵

2. Dentsply Sirona Restorative, Europe composite user survey 2015, n=297.
3. Dentsply Sirona Flowable Composite user study August 2018.

4. Aegis communications 2016 direct restorative survey (n=107).
5. 2018 The Key Group, Inc.