

## Ceramco® PFZ now available in 46 shades!

PFZ PZ Shade Series Shade	Keyed to the Vita® 3D-Master®¹ Shade Series	Liner/ Opaceous Dentin/ Dentin	Enamel	Margin	Dentin Modifier	Opal Effects Enamel	Mamelon
101	1M1	101	PFZ Light	A1	A1	Light	Y-O
102	1M2	102	PFZ Light	B2	A1	Light	Y-O
203	2L1.5	203	PFZ Light	B2	A1	Light	Y-O
204	2L2.5	203	PFZ Light	B2	A1	Light	Y-O
205	2M1	205	PFZ Light	B2	B1	Light	Y-O
206	2M2	206	PFZ Light	B2	B1	Light	Y-O
207	2M3	207	PFZ Light	B2	A1	Light	Y-O
208	2R1.5	208	PFZ Light	B2	B1	Light	Y-O
209	2R2.5	209	PFZ Light	A3	B1	Light	Y-O
310	3L1.5	310	PFZ Light	C1	B1	Light	Y-O
311	3L2.5	311	PFZ Light	A3	B3	Light	Y-O
312	3M1	312	PFZ Light	C1	B1	Light	Y-O
313	3M2	313	PFZ Light	C3	B1	Light	Y-O
314	3M3	314	PFZ Light	A3	B3	Light	Y-O
315	3R1.5	315	PFZ Light	C3	A1	Light	Y-O
316	3R2.5	316	PFZ Light	A3	B3	Light	Y-O
417	4L1.5	417	PFZ Medium	C3	B1	Light	Y-O
418	4L2.5	418	PFZ Medium	A4	A3.5	Med	R-O
419	4M1	419	PFZ Medium	C3	C1	Light	Y-O
420	4M2	420	PFZ Medium	C3	A3.5	Med	R-O
421	4M3	421	PFZ Medium	A4	A3.5	Med	R-O
422	4R1.5	422	PFZ Medium	C3	C3	Med	R-O
423	4R2.5	423	PFZ Medium	A4	A3.5	Med	R-O
524	5M1	524	PFZ Medium	C3	C3	Med	R-O
525	5M2	525	PFZ Medium	A4	A3.5	Med	R-O
526	5M3	526	PFZ Medium	A4	A3.5	Med	R-O

Natural. Efficient. Consistent. Ceramco® PFZ.



DENTSPLY International, Inc. is a multinational health care corporation with operations around the globe and a rich history of product excellence. For over a century, DENTSPLY International has been committed to providing the dental community with innovative, high-quality, cost-effective dental products, services and equipment. From humble beginnings in 1899, the company has grown to become the largest professional dental products manufacturer in the world.

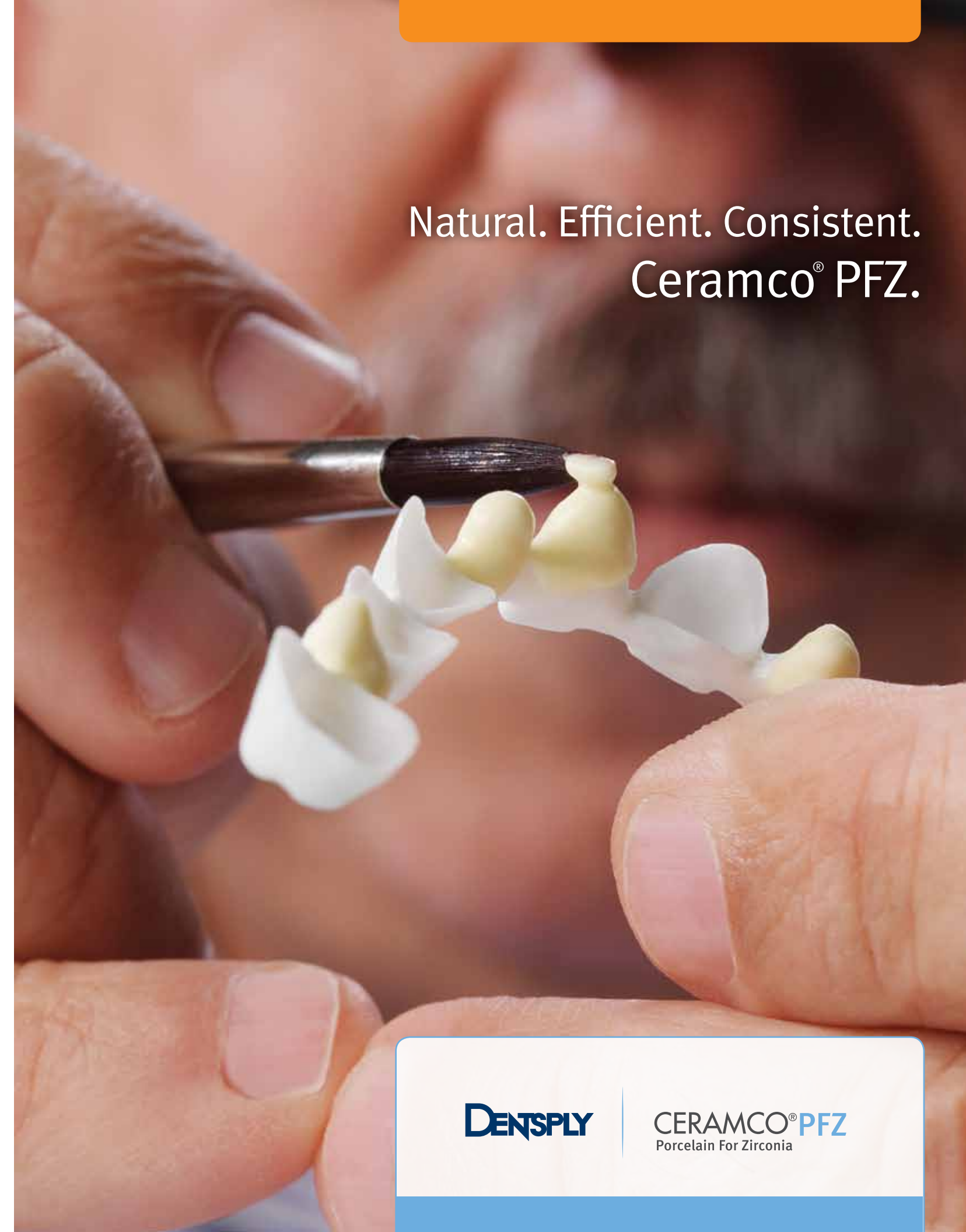
DENTSPLY Ceramco® is one of the world's premier brands for crown and bridge restorative products and materials. Ceramco porcelains are renowned for their reliable quality and ease of use, characteristics that drive efficient processes for dental laboratories and ensure consistency in the outcomes of their fixed prosthetic restorations.

The result is productivity and profitability, which DENTSPLY helps dental laboratories achieve through its commitment to enabling them to Lab Smarter<sup>SM</sup>.

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²Data on file.



Natural. Efficient. Consistent.  
Ceramco® PFZ.



CERAMCO® PFZ  
Porcelain For Zirconia

## Achieve natural results. Efficiently and consistently.

Ceramco® PFZ porcelain is formulated to provide laboratories an optimal balance of craftsmanship and efficiency while meeting the needs of demanding production schedules. Now with an expanded shade selection, Ceramco PFZ is the compelling choice in the growing zirconia category.

### Advanced Formula for Natural Esthetics

Ceramco PFZ all-ceramic porcelain naturally enhances the technician’s craftsmanship due to its complex chemical properties of opalescence, fluorescence and translucency for light reflection, refraction and transmission like natural teeth.

Available in 46 shades – including 26 PZ shades keyed to the Vita® 3D-Master®, 16 Vita® A-D shades and 4 illuminé™ bleached shades – Ceramco PFZ shade-out-of-the-bottle is the practical choice to fill most crown and bridge prescriptions.

### Technique Options for Production Efficiencies

Ceramco PFZ combines easy layering or pressing techniques into one all-ceramic, ideal for Cercon® Zirconia or any Y-TZP 100% zirconia framework. Its ease of use is consistent with traditional Ceramco porcelains, enabling laboratories to gain efficiencies when integrating it into their existing operations.

### Consistent Results for Outcome Certainty

PFZ shade-out-of-the-bottle enables creation of restorations with repeatable esthetics. The leucite-free formula, with exceptional thermal stability over multiple firings, gives PFZ its translucent characteristics. When the recommended build-up or pressing techniques and firing schedule are followed, PFZ delivers restorations with inherently better wear characteristics. A new 6-minute cooling cycle reduces incidents of chipping to levels comparable to or better than very low PFM rates.<sup>2</sup> Consistent results and peace of mind are sure to please dentists and their patients.

### Simply the Lab Smarter<sup>SM</sup> Choice

Ceramco PFZ is the laboratory porcelain that allows labs to offer premium, all-ceramic restorations affordably. By delivering dependable shades, easy handling and process efficiencies, it’s a natural example of how DENTSPLY Ceramco provides options to Lab Smarter.



## Layering or pressing: two easy production techniques for consistent results.

### Shade Availability

Whether layering or pressing, Ceramco® PFZ offers a full spectrum of out-of-the-bottle shades. Select from 16 A-D shades<sup>1</sup>, 4 bleach shades and 26 PZ Shade Series shades.

### LAYERING TECHNIQUE

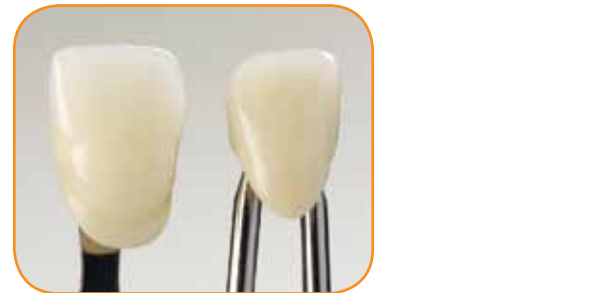
Characteristic of Ceramco porcelains, PFZ handles easily and enables technicians to replicate natural dentition or to custom-craft to meet the patient’s cosmetic needs.



Dentin Porcelain Mamelon Effect Enamel Porcelain



Full Contour Visual Indicator



Final: Completed Advanced Build-Up

### PRESSING TECHNIQUE

For technicians who prefer waxing to building, Ceramco PFZ offers 2g pressing ingots. Pressing provides extremely consistent shades and the option of easy all-ceramic margins for increased esthetics and accuracy. Pressed margins allow for etching and bonding of the margin area, if desired, for improved mechanical retention and the assurance of enduring adhesion between the coping and the porcelain.



Pressed to Full Contour Cutting Back Apply Enamel Porcelain



Stain and Glaze



Final: Shade Verification

## Ceramco® PFZ porcelain compatibility chart.

	Layering Technique	Pressing Technique
Margin Porcelains (must use before liner)	Yes	Yes
Margin Modifiers (must use before liner)	Yes	Yes
Powder Build-Up Liner	Yes	No
Powder Build-Up Liner Modifier	Yes	No
Powder Opaqueous Dentin	Yes	Yes
Powder Dentin	Yes	Yes
Press Paste Liner	No	Yes
Press Dentin Ingots	No	Yes
Powder Dentin Modifier	Yes	Yes
Enamels	Yes	Yes
Add-On	Yes	Yes
Stains	Yes	Yes
Overglaze	Yes	Yes
16 A-D Shades	Yes	Yes
illuminé™ Bleach Shades (i1, i3, i5, i7)	Yes	No
26 PZ Shade Series Shades (Keyed to the Vita® 3D-Master® <sup>01</sup> Shade Series)	Yes	No

