

PRODUCTS



Indications	Full coverage crowns anywhere in the mouth. Alumina for single units and Zirconia for multiple units	Full coverage crowns and 3-4 units bridges anywhere in the mouth
Features /Benefits	All-ceramic Any position in the mouth Reduced opposing wears Accurate fit Natural strength and beauty Biocompatible More than 2million delivers	All-ceramic Outstanding stability Biocompatible Excellent aesthetics Ideal for 3-4 unit bridges Preparation similar to PFM 8 shade for more natural look 1500+ cases & 150 bridges studied
Preparation	Chamfer margin design. 1.2mm Min. at the margin. 1.5-2.0mm Reduction at incisal, facial lingual	Shoulder or Chamfer margin design 1.2mm Min. at the margin. 1.5-2.0 mm reduction at incisal, facial lingual
Cementation	Resin cement, dual-curing luting Cement, or Zinc phosphate cement Or enamel-dentin adhesive bonding system	Resin cement, dual-curing luting cement, or Zinc phosphate cement or enamel-dentin adhesive bonding system
Composition	Aluminous oxide or Zirconia core Layered with porcelai	Zirconia core
Physical Properties	<ul style="list-style-type: none"> a. Flexural strength 601 MPa ± 73 MPa b. Fracture toughness 4.48 MPa mL/2 c. COTE d. Density e. Fracture load 225 kg f. Modulus of elasticity g. Melting point 210 GPa h. Grain size 2700 °C i. Wear on opposing 0.5 µm j. Vickers hardness 60 µm 	<ul style="list-style-type: none"> >1100 MPa 10 ppm 6.08 g/cm³ 210 GPa 2700 °C 0.5 µm 1250
Proven Success in-mouth	10 years	4 years
In-Lab Time	10 days	10 days
Other Products Offered	IPS Empress®, Wol-Ceram®, Sinfony®, Captek™, PFM, FCC, Implants, Acrylic dentures, Acrylic/Metal partials and Valplast® flexible partial.	

IPS Empress® is registered trade mark of Ivoclar Vivadent North America. Wol-Ceram® is a registered trade mark of Wolz Dental-Technik GmbH, Ludwigshafen, Germany Lava™, Sinfony® is registered trade marks of 3M ESPE. Vita®, In-Ceram® is a registered trade mark of Vident. Procera® is a registered trade mark of Nobel Biocare. Captek™ is a registered trade mark of Precious Chemical, Inc. Valplast® is a registered trade mark of Valplast International Corporation.