

Crown & Bridge RAYDENT[®] C&B



3DMaterials[®] C&B is a biocompatible Class IIa resin for the accurate 3D printing of crowns and bridges for temporary use. Full crowns or multi-unit bridges can be printed with abrasion resistance. 3DM[®] C&B can be cemented with conventional cement resins

C&B resin is characterized by its abrasion resistance makes 3DM[®] C&B suitable for this application. The water-washable and low viscosity 3DM[®] C&B allows for quick and easy cleanup of the crown & bridge. A1, A2, A3 shades are available

Mechanical Properties after UV Postcure

ISO	Property Description	Data
10477	Flexural Strength	> 140 MPa
	Flexural Modulus	> 2500 MPa
	Sorption	< 30 $\mu\text{g}/\text{mm}^3$
	Solubility	< 10 $\mu\text{g}/\text{mm}^3$
D638M	Elongation at Break	< 3.5%
178	Hardness (Shore D)	> 90
	Color Available	A1, A2, A3