

MILLING BLOCK GUIDE

Posterior	Anterior	Inlay	Onlay	Veneers	Strength (MPa)	Material	Brand	Furnace Required	Wet/Dry Mill
Ivoclar Vivadent									
✓	✓	✓	✓	✓	530	Lithium Disilicate Glass-Ceramic	IPS e.max® CAD	Y	Wet
✓					1,200	Zirconium-Oxide Ceramic	IPS e.max® ZirCAD	Y	Wet or Dry
✓	✓	✓	✓	✓	185	Leucite Reinforced Glass-Ceramic	IPS Empress® CAD	Y	Wet
✓	✓				130	Acrylate Polymer (PMMA)	Telio® CAD	N	Wet
✓	✓	✓	✓	✓	272	Hybrid Ceramic Resin	Tetric® CAD	N	Wet
Dentsply Sirona									
✓	✓	✓	✓	✓	210 370 (fired)	Zirconia-Reinforced Lithium Disilicate (ZLS) Glass-Ceramic	CELTRA® Duo	Optional	Wet
✓					>900	Zirconium-Oxide Ceramic	CEREC® Zirconia	Y	Wet or Dry
✓	✓	✓	✓	✓	120	Feldspar-Ceramic	CEREC® Blocs C	N	Wet
✓	✓	✓	✓	✓	120	Polychromatic Feldspar-Ceramic	CEREC® Blocs C PC	N	Wet
✓	✓			✓	120	Polychromatic Feldspar-Ceramic	CEREC® Bloc C IN	Y	Wet
					>900	Zirconium-Oxide Ceramic	inCoris ZI Meso	Y	Wet or Dry
VITA North America									
✓	✓	✓	✓	✓	150-160	Dual-Network Hybrid Ceramic	VITA ENAMIC®	N	Wet
✓	✓	✓	✓	✓	150-160	Dual-Network Hybrid Ceramic	VITA ENAMIC® multiColor	N	Wet
	✓				150-160	Dual-Network Hybrid Ceramic	VITA ENAMIC® IS	N	Wet
✓		✓	✓	✓	154 (±15)	Monochromatic Feldspar-Ceramic	VITABLOCS® Mark II	Optional	Wet
✓	✓	✓	✓	✓	154 (±15)	Multi-Chromatic Feldspar-Ceramic	VITABLOCS® TriLuxe	N	Wet
✓	✓	✓	✓	✓	154 (±15)	Multi-Chromatic Feldspar-Ceramic	VITABLOCS® TriLuxe Forte	N	Wet
	✓			✓	154 (±15)	Multi-Chromatic Feldspar-Ceramic	VITABLOCS® RealLife	N	Wet
✓					154 (±15)	Substructure = Oxide-Ceramic & Veneer Structure = Feldspar-Ceramic	VITABLOCS® for Rapid Layer Technology (RLT)	N	Wet
✓					>80	Monochromatic Acrylate Polymer	VITA CAD-Temp® monoColor	N	Wet
	✓				>80	Acrylate Polymer (PMMA)	VITA CAD-Temp® multiColor	N	Wet
✓	✓				1,200	Zirconium-Oxide Ceramic	VITA YZ® HT Zirconia	Y	Wet or Dry
GC America									
✓	✓	✓	✓		238	Flexible Nano-Ceramic	CERASMART™ Blocks	N	Wet
✓	✓	✓	✓	✓	250	Leucite Reinforced Feldspar-Ceramic	GC Initial™ LRF	N	Wet
Kuraray									
✓	✓	✓	✓	✓	763	Super-Translucent Multilayered (STML) Zirconia	KATANA™ Zirconia Block	Y	Wet or Dry
3M									
		✓	✓	✓	200	Resin-Nanoceramic	Lava™ Ultimate Blocks	N	Wet
✓	✓	✓	✓	✓	146	Composite	Paradigm™ MZ-100	N	Wet
Shofu									
✓	✓	✓	✓	✓	191	Ceramic-Based Hybrid	HC Blocks	N	Wet