

R2iCE[®]

Multilayer Zirconia

R2iCE[®]
Transparent and Hard as Glacier



R2iCE[®] Multilayer Zirconia

R2iCE Multilayer is a structural colored zirconia block consisting of four layers. Through four gradations, similar to natural teeth values and 16 different Shade line-up, consisting of A1 through D4. The minimum application of coloring and staining process required to express the VITA Classic Shade Guide standards. It's very easy for anyone to work.



R2iCE[®] multilayer_AT

For anterior crown

R2iCE Multilayer AT is a high-transparent multilayer zirconia block with a flexural strength of 950Mpa and focused on anterior prosthesis and esthetic prosthesis with high transparency.

Height	12 / 14 / 16 / 18 / 20 / 22 / 25 / 30 (mm) (ø98)
Shade	Bleach / A1 / A2 / A3 / A3.5 / A4 / B1 / B2 / B3 B4 / C1 / C2 / C3 / C4 / D2 / D3 / D4



R2iCE[®] multilayer_PT

For posterior crown

R2iCE Multilayer PT is a high-strength multilayer zirconia block with a flexural strength of 1200Mpa and focused on posterior prosthesis and long case with excellent strength and high transparency.

Height	12 / 14 / 16 / 18 / 20 / 22 / 25 / 30 (mm) (ø98)
Shade	Bleach / A1 / A2 / A3 / A3.5 / A4 / B1 / B2 / B3 B4 / C1 / C2 / C3 / C4 / D2 / D3 / D4

R2iCE Multilayer is a line-up that is divided into anterior (AT) and posterior (PT), customers can 'select' the right product for various prosthetic indications.

*** The recommended sintering temperature for this product is 1530°C - 1550°C.**



Enamel - 25%
Transition 1 - 25%
Transition 2 - 15%
Cervical - 35%

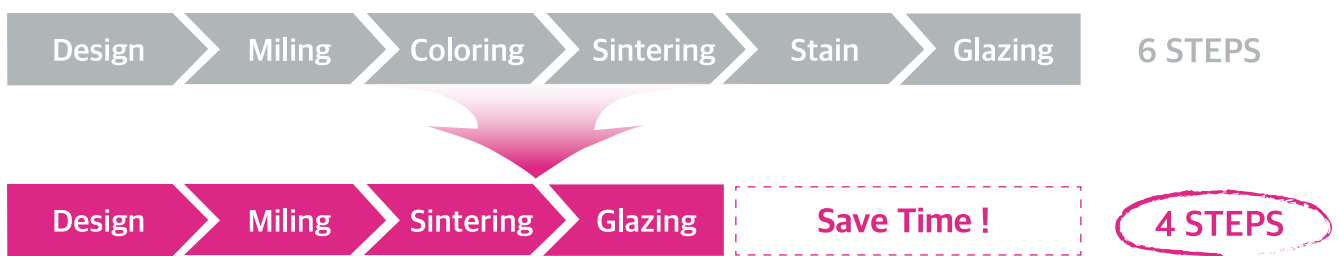
Specialized 4 Layers

R2iCE Multilayer is produced based on high technology of dental zirconia blocks with aesthetic layer structure.

R2iCE Multilayer with a natural and uniform gradient that transitions from Cervical to Incisal/Occlusal will be a strong partner in producing the best dental prosthesis that both the technician and the patient can satisfy.

Simplify your Life

R2iCE Multilayer is a very useful friend of yours to improve your quality of life by reducing the amount of time you spend on coloring and staining process.



High Transparency & Excellent Strength

R2iCE Multilayer has a natural transparency and gradation, which can be similar to natural values and has excellent flexural strength in fracture.

Transparency



Flexural Strength



Clinical Case



Made by CDT. Beom-Jin Choi



Made by DT. Young Kyu Park

Find the most perfect way for the zirconia final prosthesis!

MegaGen Digital Work Flow

NEW PRODUCT

R2iOS®



WHITE CAM - PRO



R2iCE®



Final Crown



Zr. CUSTUM

Technical Data

Product	Flexural Strength	Shade	Height / Size	Indication
Multilayer_AT	950Mpa	A1 - D4 16 Shades	12 - 30mm	Single Full Crown - Long Span Bridge
Multilayer_PT	1200Mpa			



Property	Unit	AT	PT	Test Method
Sintered Density	g/cm ³	≥6,04	≥6,05	Archimedes's Method
Transparency	%	≥46-48	≥45-46	Spectrophotometer
Thermal Expansion Coefficient	K ⁻¹	10,5·10 ⁻⁶	10,5·10 ⁻⁶	ASTM Test Method E289

Multilayer Block for CEREC

R2iCE Multilayer is a high-transparent multilayer zirconia block that has excellent compatibility with CEREC milling machine and is useful for various prosthetics such as veneer.



Product	Transparency	Flexural Strength	Shade	Size (LxWxHmm)	Indication
C800ML	48%	800Mpa	A2, A3	55 x 19 x 15,5	Max 3 unit
C1100ML	45%	1100Mpa	A2, A3	55 x 19 x 15,5	Max 3 unit
			A2	65 x 25 x 22	Max 5 unit