

KeraResin®



KeraResin® offers **multiple colors** on a **clear and smooth glass-ceramic**.



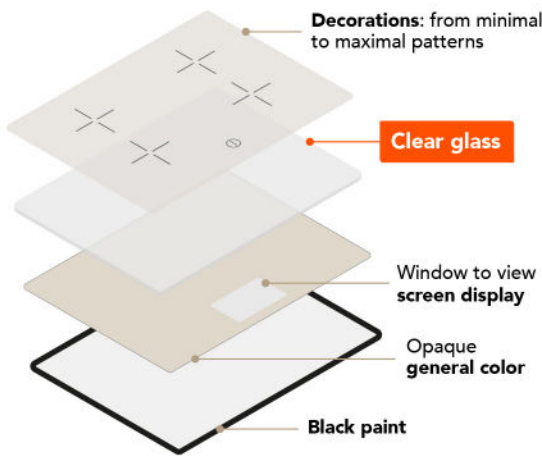
Compatible with **all colored displays** and **LCD screens**.



Use **decoration** both on top and bottom of glass for a **depth effect**.

Transparent and smooth glass-ceramic offering an unparalleled range of glass color rendering and display color options.

Standards



Resin layers are designed to withstand a stabilized temperature of 350°C at the bottom surface hottest location and a peak temperature of 400 °C at the bottom surface hottest location.



eurokera

NOTE: Technical specifications are available upon request.

www.eurokera.com

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GLASS-CERAMIC PROPERTIES	UNITS	VALUE
Mechanical		
Density	g/cm ³	2.57
Young's Modulus E	GPa	91
Torsion Modulus G	GPa	37
Poisson's Ratio		0.24
Knoop Hardness		600
Minimum mechanical bending strength	MPa	110
Minimum static load resistance (600 x 500mm - Thickness 4mm)	kg	100
Impact resistance: Norwegian Hammer EN60335-1 Pot drop EN60335-2-6 Ball drop UL 858		Pass
Thermal		
CTE (20-700°C)	10 ⁻⁷ .K ⁻¹	0 ± 3
Specific Heat (20-100°C)	J/g.K	0.9
Resistance to thermal gradients - thermal shock	°C	ΔTmax = 700
Electrical		
Electrical resistivity log n at 250°C	Ω.cm	6.9
Electrical resistivity log n at 350°C	Ω.cm	5.5
Dielectric constant (1MHz, 25°C)		7.5
Loss tangent factor (1MHz, 25°C)		0.017
Chemical		
Hydrolytic resistance DIN 12111		HGB1
Acid resistance DIN 12116		Class 3
Alkali resistance DIN 52322		A1
Sustainability		
Recyclable	Arsenic-free process	Water-washable enamels*

*Washable with water during the finishing process.

All data are based on typical values and are not intended as specifications.

Available Colors:

Champagne 7643	Silver 7644	Slate Grey 7661	Anthracite 7662
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