

# KeraWhite® Display



A more **sustainable** solution :  
**arsenic free** solution.



An enhanced **design** : the **world's whitest glass-ceramic solution** with displays.



A better **user experience** : **highly resistant** to scratches and fingerprints but also **faster to clean** than a standard black surface.

The world's whitest glass-ceramic solution with displays and manufactured without the use of heavy metals.

## Standards

KeraWhite® Display meets the mechanical specifications defined by European and US standards EN60335-1, EN 60335-2-6 and UL858.

The bottom surface of KeraWhite® Display panels is covered with an opacifying layer, outside of the display areas for all applications and outside of the heating zones (for radiant applications only).

## Available Colors :

(For a slightly different resulting white tone on the finished product)

Tropical White C680	Temperate White C685	Polar White C643
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The color samples presented in this document are for representational purpose only. Refer to real samples for more accuracy.



**eurokera**

**NOTE:** Technical specifications are available upon request.

[www.eurokera.com](http://www.eurokera.com)

GLASS-CERAMIC PROPERTIES	UNITS	VALUE
<b>Mechanical</b>		
Density	g/cm <sup>3</sup>	2.51
Young's Modulus E	GPa	85
Torsion Modulus G	GPa	34
Poisson's Ratio		0.25
Knoop Hardness		625
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 838		Pass
<b>Thermal</b>		
CTE (20-700°C)	10 <sup>-7</sup> .K <sup>-1</sup>	10 ± 1
Specific Heat (20-100°C)	J/g.K	0.9
Resistance to thermal gradients - thermal shock	°C	ΔTmax = 650
<b>Electrical</b>		
Electrical resistivity log n at 250°C	Ω.cm	7.2
Electrical resistivity log n at 350°C	Ω.cm	5.7
Dielectric constant (1MHz, 25°C)		6.4
Loss tangent factor (1MHz, 25°C)		0.004
<b>Chemical</b>		
Hydrolitic resistance DIN 12111		HGB1
Acid resistance DIN 12116		Class 2
Alkali resistance DIN 52322		A2
<b>Sustainability</b>		
Recyclable	Arsenic Free	Water-friendly enamels

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