

KeraLite®



Transparent glass-ceramic offering the purest view of the flames.



Withstands temperature levels up to 700°C (1292°F) in continuous use.



Melted in France at our KeraGlass facility, located one hour from Paris.

Transparent Glass-Ceramic

Engineered for the extreme.

Transparent glass-ceramic was conceived in order to meet the requirements of the market for domestic heating appliances (such as fireplaces, freestanding stoves and fireplaces inserts).

The use of KeraLite® glass-ceramic becomes necessary when the safety needs or thermal stress considerations exceed the capabilities of traditional glasses.

Thanks to a thermal expansion coefficient close to 0, the KeraLite® glass-ceramic withstands very high temperature levels up to 700°C (1292°F) in continuous use, as well as high thermal shocks.



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NOTE: Information in this document reflects standard specification. Do not hesitate to consult us for any special request.

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GLASS-CERAMIC PROPERTIES	UNITS	VALUE
Technical Data		
Maximum temperature for continuous use	°C	700
Time limited peak use	°C	800
Thermal shock resistance	°C	700
Resistance to thermal gradients ΔT	°C	700
Coefficient of expansion (20° to 700°C)	$10^{-7} \cdot K^{-1}$	± 3.0
Mean specific heat (20° to 100°C)	J/g.K	0.9
Thermal conductivity	W/m.K	1.5

Options

Available in two thicknesses: 4 and 5 mm.

Many options possible, including:

- _ Flat or curved
- _ Printing
- _ Logo
- _ Drilling or notching
- _ Coatings
- _ And more...

Important

- The KeraLite® glass-ceramic is not a standard glass and must never be discharged in glass recycling containers.
- Do not use KeraLite® for equipment using liquid fuel containing sulphur, such as domestic fuel oil.
- When cleaning, do not use strong alkalis, acids, detergents with fluoride, detergents with mechanical devices (sand etc.) nor other mechanical millinery or solvents.