CeraLuxe IRD®

The technological improvements of the 21st century spurred a new automotive era. An era that has driven auto manufacturers into a technological race that has not been witnessed before. From wireless broadband to advancements in driverless vehicles, the world around us has never been more reliant on technological connectivity.

Prestige Film Technologies, as a nano-coatings developer and thin film manufacturer, has designated over 6 years into developing CeraLuxe® Infrared Radiation Dispersion (IRD) Window Films. Ceraluxe® utilizes a patent-pending tech that disperses infrared radiation without creating high reflectivity or increasing heat absorption. This new technology allows for effective rejection and dispersion of harmful infrared and ultraviolet rays at near equilibrium throughout the solar spectrum. This patent-pending technological breakthrough is achieved by dispersion of rays that are selectively blocking out intense radiation at from 900nm - 2200nm. A product that can produce significant heat rejection, yet remain relatively clear for day or night use while accomplishing this with low reflectivity. The science behind this new product would not reduce any form of electronic signals including: 3G or 4G broadband wireless, keyless entry systems, AM / FM, GPS, bluetooth, mobile phone, etc.

CeraLuxe® IRD Window Films, utilizes quantum science to integrate our proprietary nano- IR technology to achieve high visible light transmission and high solar radiation rejection. Our technology is also inclusive of a color stable composition that means No Color Fading . Prestige's dedication and technological superiority makes CeraLuxe® IRD a world-class performing solar control window film.

	VLT	TSER	UVR	VLR	IRR	SHGC	GLARE REDUCTION
CLX20	20%	72%	99.5%	5%	90%	0.28	75%
CLX33	33%	68%	99.5%	6%	88%	0.32	61%
CLX45	45%	59%	99.5%	6%	87%	0.41	49%
CLX70	72%	53%	99.5%	10%	93%	0.47	18%

CeraLuxe IRD
INFRARED RADIATION DISPERSION®

FREQUENTLY ASKED QUESTIONS

What is the difference between CeraLuxe® IRD to other tint products?

Higher Visible Light Transmission + Better Clarity +
Superior Heat Rejection + No Signal Interference

Product X claims they block out 90%-99% of IR (infrared radiation). How does CeraLuxe® compare?

Many manufacturers on the market utilize low grade IR coatings to generate these numbers in lower (near) IR wavelengths, which means it only performs great in a very small window of the performance scale. CeraLuxe® technology supports high IR rejection in both near and far wavelengths of infrared radiation.

There are other ceramic tints on the market. How is yours different?

Our entire line of window films (including Spectra Photosync®) are NOT ceramic based. It is of our patent-pending IRD technology that rejects infrared radiation from the near to far IR spectrum. Many products on the market use ceramic based components + some type of metallics to achieve high heat rejection, yet, do not disclose properly that their IR rejection will fluctuate drastically (up to 20% in IRR variance). CeraLuxe® IRD will only fluctuate 3%-4% from 900nm – 2200nm.

What shades are available for CeraLuxe®?

CeraLuxe® comes in the following series: CLX70, CLX45, CLX33, CLX20.

How well does CeraLuxe® heat shrink and does it ghost?

CeraLuxe® IRD utilizes an advanced multi-layer IR Dispersion technology along with our nano-IR repulsive technology that makes this product much easier to heat shrink than some ceramic products on the market. Our unique product design also means no “ghosting imprints” from heat shrinking the film.

Does CeraLuxe® block out UV rays?

CeraLuxe® blocks 99.5% of UVA and UVB, which in turn will protect occupants from sunburn and accelerated skin aging. In addition, our UV rejecting component will protect interior panels from rapid degradation.

Prestige
film technologies

www.Prestige-Films.com