

SPECIFICATIONS

QUALITY WINDOW TINT

IMPERIAL SERIES

Offering 99% infrared heat rejection with the magnetron sputtered technology, IMPERIAL Series reflects selected infra-red heat with extreme performance. Imperial Series's superior spectrally-selective performance is obviously felt.

Technical Specification (as measured on 3mm glass)

	% Visible Light Transmission (VLT)	% Visible Light Reflectance (Glass Side)	% Total Solar Energy Rejection (TSER)	% IR Energy Rejection (IRER)*	% Selective IR Rejection (SIRR)**	% UV Rejection (UVR)
IMPERIAL 60	60	8	70	99	99	99
IMPERIAL 40	39	7	78	99	99	99
IMPERIAL 15	15	7	82	99	99	99
IMPERIAL 5	7	6	88	99	99	99

* All performance data captured and calculated using a Spectrophotometer with films applied to 1/8" (3mm) clear glass. Visible light and solar energy data are reported using EN 410 methodology & IR rejection data are reported at peak wavelength, 1400nm. Product performance tolerances for visible light, solar energy, UV rejection and IR rejection values are +/- 3%. Actual performance will vary based on several factors, including glass type and properties.

*IRER is a more complete measurement of heat experienced from solar infrared radiation (800-1400nm) including absorberd and re-radiated energy.

**SIRR is a measurement of solar infrared radiation (800-1400nm) not directly transmitted through glass.



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