

Titan 20 Xtra

OPTICAL & SOLAR PROPERTIES

	Single Pane	Double Pane
Visible Light Transmitted	19 %	18%
Visible Light Reflected (Int)	14 %	21 %
Visible Light Reflected (Ext)	34 %	35 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	38 %	38 %
Total Solar Energy Transmitted	18 %	15 %
Total Solar Energy Absorbed	45 %	47 %
Emissivity (Room Side)	0.84	0.84
Glare Reduction	79%	78 %
Shading Coefficient	0.36	0.27
Solar Heat Gain Coeff. (G-Value)	0.31	0.23
U-Value Winter (IP)	1.04	0.48
U-Value Winter (SI)	5.91	2.73
Luminous Efficacy	0.54	0.66
Total Solar Energy Rejected	69 %	77%

R070W6X - Titan 20 Xtra Pressure Sensitive Adhesive

Titan 35 Xtra

OPTICAL & SOLAR PROPERTIES

	Single Pane	Double Pane
Visible Light Transmitted	36 %	32 %
Visible Light Reflected (Int)	14 %	21 %
Visible Light Reflected (Ext)	22 %	23 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	26 %	27 %
Total Solar Energy Transmitted	31 %	26 %
Total Solar Energy Absorbed	44 %	47 %
Emissivity (Room Side)	0.84	0.84
Glare Reduction	61 %	61 %
Shading Coefficient	0.50	0.40
Solar Heat Gain Coeff. (G-Value)	0.43	0.35
U-Value Winter (IP)	1.04	0.48
U-Value Winter (SI)	5.91	2.73
Luminous Efficacy	0.70	0.80
Total Solar Energy Rejected	57 %	65 %

R070W5X - Titan 35 Xtra Pressure Sensitive Adhesive