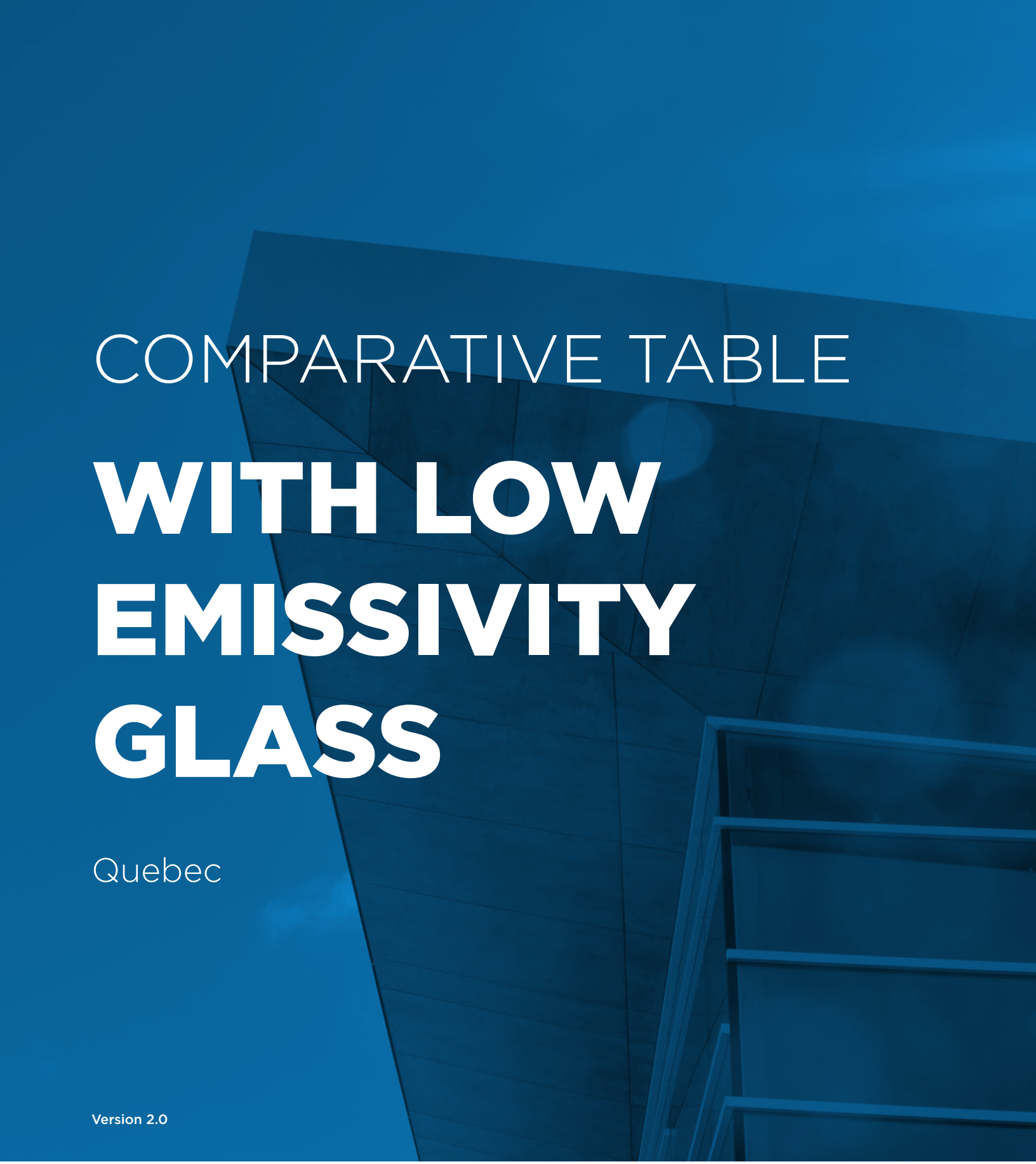

COMPARATIVE TABLE

WITH LOW EMISSIVITY GLASS

Quebec

Version 2.0

MULTIVER Ltd
436, Berube Street, Quebec (Quebec) G1M 1C8
tel. : 1 800 463-2810 and fax : 418 687-0804

MULTIVER
Cutting edge of the glass industry

LEGEND

U Value :

A measure of the gain or loss of heat through the glass due to the difference between indoor and outdoor temperatures. The lower the value, the better the performance. R Value = (1/U)

Visible Light Transmittance % :

The percentage of visible light in the visible spectrum that is transmitted directly through the glass.

Solar Transmittance % :

The percentage of solar energy transmitted directly through the glass (90° angle to the surface).

UV TDW-ISO % :

Represents a potential damage from UV fading and visible light. It is considered by the International Organization for Standardization (ISO) to be a more accurate barometer of fade resistance that UV transmissivity alone.

Shading Coefficient (SC) :

The ratio of total heat gain produced by sunlight through a particular glazing relative to that through regular 3 mm clear glass (SC=1).

Solar Heat Gain Coefficient (SHGC) :

The ratio of solar that is transferred indoors both directly and indirectly through the glazing (86 % of the Shading Coefficient).

Relative Heat Gain (RHG) :

The total net heat gain into a building interior due to both air-to-air thermal conductance and solar heat gain.

The tables above include the most popular of our range of low-E products . We also offer a wider range of other products to respond accurately to your needs. Do not hesitate to contact us for more informations about or products and / or if you have any technicals questions.

Multiver offers on demand a specification service and performance data review of your glass requirement so that the quality of your project is respected.

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LEGEND

S Soft coating
P Pyrolytic coating

Product available at Multiver
Equivalence in the same group

G Guardian Glass
A Asahi Glass Corporation (AGC)
C Cardinal Glass
N Nippon Sheet Glass (Pilkington)
P PPG Industries

		PRODUCT	"U" VALUE BTU/H-FT²-°F	"R" VALUE BTU/H-FT²-°F	TRANSMISSION %			REFLECTANCE VISIBLE LIGHT %		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	RELATIVE HEAT GAIN BTU/H-FT²
					VISIBLE LIGHT	SOLAR ENERGY	U.V. TDW-ISO	EXT.	INT.			
GROUP 1 / LOW-E POSITION 2 (Lower heat gain)												
S	G	Econover TE 67	0.242	4.13	67	33	53	10	12	0.42	0.37	87
S	A	Econover Select 36	0.242	4.13	64	31	48	12	17	0.41	0.35	84
S	A	Econover Select 40	0.241	4.15	70	34	54	12	13	0.44	0.38	90
S	G	Econover SN 68	0.243	4.12	68	33	55	11	12	0.43	0.37	88
S	P	Solarban 60	0.241	4.15	70	33	54	11	12	0.43	0.38	89
S	C	LoE 272	0.244	4.10	70	35	53	11	11	0.46	0.40	95

The performance values shown are based on a seal unit with 6 mm lowE glass position #3, 13.39 mm argon fill and 6 mm clear glass (Windows 6.3 LBNL).

		PRODUCT	"U" VALUE BTU/H-FT²-°F	"R" VALUE BTU/H-FT²-°F	TRANSMISSION %			REFLECTANCE VISIBLE LIGHT %		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	RELATIVE HEAT GAIN BTU/H-FT²
					VISIBLE LIGHT	SOLAR ENERGY	U.V. TDW-ISO	EXT.	INT.			
GROUP 2 / LOW-E POSITION 2 (Lower heat gain)												
S	G	Econover SNX 51/23	0.235	4.26	51	19	36	13	13	0.27	0.23	57
S	G	Econover Select 28	0.235	4.26	62	24	47	13	15	0.32	0.28	66
S	G	Econover SNX 62/27	0.235	4.26	62	23	39	11	12	0.30	0.26	63
S	G	Econover SN 54	0.241	4.15	54	23	39	13	18	0.31	0.27	66
S	C	LoE 366	0.236	4.24	63	24	41	11	12	0.31	0.27	65
S	P	Solarban 70	0.234	4.27	64	25	43	12	13	0.31	0.27	65

The performance values shown are based on a seal unit with 6 mm lowE glass position #3, 13.39 mm argon fill and 6 mm clear glass (Windows 6.3 LBNL).

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		PRODUCT	"U" VALUE BTU/H-FT²-°F	"R" VALUE BTU/H-FT²-°F	TRANSMISSION %			REFLECTANCE VISIBLE LIGHT %		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	RELATIVE HEAT GAIN BTU/H-FT²
					VISIBLE LIGHT	SOLAR ENERGY	U.V. TDW-ISO	EXT.	INT.			
GROUP 3 / LOW-E POSITION 2 (Lower heat gain)												
S	G	Econover SNR 43*	0.237	4.22	43	19	35	27	14	0.25	0.22	53
S	G	Econover Select 23	0.235	4.25	50	19	36	22	22	0.26	0.23	55
S	C	LoE 240	0.250	4.00	37	19	32	13	10	0.28	0.24	58
S	P	Solarban R100	0.242	4.13	42	19	34	32	14	0.26	0.23	55

* SNR 43 must be heat-treated.
The performance values shown are based on a seal unit with 6 mm lowE glass position #2, 13.39 mm argon fill and 6 mm clear glass (Windows 6.3 LBNL).

		PRODUCT	"U" VALUE BTU/H-FT²-°F	"R" VALUE BTU/H-FT²-°F	TRANSMISSION %			REFLECTANCE VISIBLE LIGHT %		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	RELATIVE HEAT GAIN BTU/H-FT²
					VISIBLE LIGHT	SOLAR ENERGY	U.V. TDW-ISO	EXT.	INT.			
GROUP 4 / LOW-E POSITION 2 (Lower heat gain)												
S	G	Econover AG 43	0.259	3.86	41	24	35	30	15	0.33	0.29	69
S	G	Econover AG 50	0.250	4.00	50	28	42	28	18	0.38	0.33	78
S	A	Econover Select R42	0.246	4.07	62	37	48	26	22	0.48	0.42	99

The performance values shown are based on a seal unit with 6 mm lowE glass position #3, 13.39 mm argon fill and 6 mm clear glass (Windows 6.3 LBNL).

		PRODUCT	"U" VALUE BTU/H-FT²-°F	"R" VALUE BTU/H-FT²-°F	TRANSMISSION %			REFLECTANCE VISIBLE LIGHT %		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	RELATIVE HEAT GAIN BTU/H-FT²
					VISIBLE LIGHT	SOLAR ENERGY	U.V. TDW-ISO	EXT.	INT.			
GROUP 5 / LOW-E POSITION 3 (High solar heat gain)												
S	G	Econover Neutral 70	0.283	3.53	68	46	61	12	12	0.74	0.64	151
P	A	Econover Select 73	0.302	3.31	74	54	61	16	14	0.80	0.70	164
S	A	Econover Select 63	0.254	3.94	77	48	64	12	12	0.68	0.59	140
P	N	Energy Advantage	0.287	3.48	73	53	61	17	16	0.77	0.67	158
S	G	Climaguard 80/70	0.265	3.77	79	56	66	13	13	0.76	0.66	156
S	c	LoE 180	0.254	3.94	77	52	60	14	15	0.74	0.64	150
S	P	Sungate 400	0.272	3.68	76	51	61	14	14	0.73	0.64	150

The performance values shown are based on a seal unit with 6 mm lowE glass position #3, 13.39 mm argon fill and 6 mm clear glass (Windows 6.3 LBNL).

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This document gives a general description of the product. For further information, please contact an authorized supplier of Multiver products. The use of any of the products mentioned herein is the sole responsibility of the users. Multiver assumes no responsibility for the use of its products.

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