



PERFORMANCE DATA
for Triple Pane Insulating Glass Units

Insulating Glass Unit Performance for 1.75-inch (44mm) units with 0.5-inch (13mm) air spaces, and three 0.25-inch (6mm) Lites

Glass Type Middle Lite: Coating if Any (Surface) Glass	Outdoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (LT)%	Visible Light Reflectance	(BTU/h ft ² F) NFRC U-Value	Solar Heat Gain Coefficient (SHGC)		Light to Solar Gain (LSG) Air / Argon
					Exterior %	Interior %	
SOLARBAN® 60 (2) Glass							
SOLARBAN® 60 (2) Clear + Clear + Clear		63	15	18	0.22	0.18	0.35
SOLARBAN® 60 (2) ACUTY™ + ACUTY™ + ACUTY™		67	15	18	0.22	0.18	0.37
SOLARBAN® 60 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®		68	16	18	0.22	0.18	0.38
SOLARBAN® 60 (2) SOLEXA® + Clear + Clear		55	13	18	0.22	0.18	0.29 / 0.28
SOLARBAN® 60 (2) ATLANTICA® + Clear + Clear		48	11	17	0.22	0.18	0.24
SOLARBAN® 60 (2) AZURIA® + Clear + Clear		49	11	17	0.22	0.18	0.25 / 0.24
SOLARBAN® 60 (2) OPTIBLUE® + Clear + Clear		46	10	17	0.22	0.18	0.29
SOLARBAN® 60 (2) SOLARBLUE® + Clear + Clear		40	9	17	0.22	0.18	0.26
SOLARBAN® 60 (2) PACIFICA® + Clear + Clear		30	7	17	0.22	0.18	0.20 / 0.19
SOLARBAN® 60 (2) SOLARBRONZE® + Clear + Clear		38	8	17	0.22	0.18	0.25 / 0.24
SOLARBAN® 60 (2) OPTIGRAY® + Clear + Clear		45	10	17	0.22	0.18	0.27 / 0.26
SOLARBAN® 60 (2) SOLARGRAY® + Clear + Clear		32	7	17	0.22	0.18	0.22
SOLARBAN® 60 (2) + SOLARBAN® 60 (4) Glass		56	12	14	0.16	0.12	0.31
SOLARBAN® 60 (2) Clear + SOLARBAN® 60 (4) Clear + Clear		59	13	14	0.16	0.12	0.32
SOLARBAN® 60 (2) ACUTY™ + SOLARBAN® 60 (4) ACUTY™ + ACUTY™		61	13	15	0.16	0.12	0.33
SOLARBAN® 60 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®		49	10	14	0.16	0.12	0.25
SOLARBAN® 60 (2) SOLEXA® + SOLARBAN® 60 (4) Clear + Clear		42	9	14	0.16	0.12	0.22 / 0.21
SOLARBAN® 60 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear		43	9	14	0.16	0.12	0.22 / 0.21
SOLARBAN® 60 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear		40	9	14	0.16	0.12	0.25
SOLARBAN® 60 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear		35	8	13	0.16	0.12	0.22 / 0.21
SOLARBAN® 60 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear		27	6	13	0.16	0.12	0.17 / 0.16
SOLARBAN® 60 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear		34	7	13	0.16	0.12	0.21
SOLARBAN® 60 (2) SOLARBRONZE + SOLARBAN® 60 (4) Clear + Clear		40	8	14	0.16	0.12	0.23
SOLARBAN® 60 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear		28	6	13	0.16	0.12	0.19 / 0.18
SOLARBAN® 70 (2) Glass		58	17	20	0.21	0.18	0.25
SOLARBAN® 70 (2) Clear + Clear + Clear		61	17	20	0.21	0.18	0.26 / 0.25
SOLARBAN® 72 (2) ACUTY™ + ACUTY™ + ACUTY™		63	17	20	0.21	0.18	0.26 / 0.25
SOLARBAN® 72 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®		50	14	19	0.21	0.18	0.23 / 0.22
SOLARBAN® 70 (2) SOLEXA® + Clear + Clear		44	12	19	0.21	0.18	0.20
SOLARBAN® 70 (2) ATLANTICA® + Clear + Clear		45	12	19	0.21	0.18	0.21 / 0.20
SOLARBAN® 70 (2) AZURIA® + Clear + Clear		42	11	19	0.21	0.18	0.20
SOLARBAN® 70 (2) OPTIBLUE® + Clear + Clear		37	10	19	0.21	0.18	0.19 / 0.18
SOLARBAN® 70 (2) SOLARBLUE® + Clear + Clear		28	7	19	0.21	0.18	0.16 / 0.15
SOLARBAN® 70 (2) PACIFICA® + Clear + Clear		35	9	19	0.21	0.18	0.18 / 0.17
SOLARBAN® 70 (2) SOLARBRONZE + Clear + Clear		41	11	19	0.21	0.18	0.20 / 0.19
SOLARBAN® 70 (2) OPTIGRAY® + Clear + Clear		29	8	19	0.21	0.18	0.16
SOLARBAN® 70 (2) SOLARGRAY® + Clear + Clear		51	15	16	0.15	0.12	0.23
SOLARBAN® 70 (2) Clear + SOLARBAN® 60 (4) Clear + Clear		55	15	16	0.15	0.12	0.24 / 0.23
SOLARBAN® 72 (2) ACUTY™ + SOLARBAN® 60 (4) ACUTY™ + ACUTY™		56	15	16	0.15	0.12	0.24
SOLARBAN® 72 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®		45	12	15	0.15	0.12	0.21 / 0.20
SOLARBAN® 70 (2) SOLEXA® + SOLARBAN® 60 (4) Clear + Clear		39	10	15	0.15	0.12	0.18 / 0.17
SOLARBAN® 70 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear		40	11	15	0.15	0.12	0.19 / 0.18
SOLARBAN® 70 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear		37	10	15	0.15	0.12	0.18
SOLARBAN® 70 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear		32	9	15	0.15	0.12	0.17 / 0.16
SOLARBAN® 70 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear		25	7	15	0.15	0.12	0.14 / 0.13
SOLARBAN® 70 (2) SOLARBRONZE + SOLARBAN® 60 (4) Clear + Clear		31	8	15	0.15	0.12	0.16 / 0.15
SOLARBAN® 70 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear		36	10	15	0.15	0.12	0.18 / 0.17
SOLARBAN® 70 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear		26	7	15	0.15	0.12	0.14
SOLARBAN® 70 (2) Glass		46	14	24	0.21	0.18	0.21
SOLARBAN® 90 (2) Clear + Clear + Clear		49	15	24	0.21	0.18	0.21
SOLARBAN® 90 (2) ACUTY™ + ACUTY™ + ACUTY™		50	15	25	0.21	0.18	0.21
SOLARBAN® 90 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®		40	12	24	0.21	0.18	0.20 / 0.19
SOLARBAN® 90 (2) SOLEXA® + Clear + Clear		35	10	23	0.21	0.18	0.18 / 0.17
SOLARBAN® 90 (2) ATLANTICA® + Clear + Clear		36	11	23	0.21	0.18	0.20 / 0.21
SOLARBAN® 90 (2) AZURIA® + Clear + Clear		33	10	23	0.21	0.18	0.17
SOLARBAN® 90 (2) OPTIBLUE® + Clear + Clear		29	8	23	0.21	0.18	0.17 / 0.16
SOLARBAN® 90 (2) SOLARBLUE® + Clear + Clear		22	7	23	0.21	0.18	0.14 / 0.13
SOLARBAN® 90 (2) PACIFICA® + Clear + Clear		28	8	23	0.21	0.18	0.16 / 0.15
SOLARBAN® 90 (2) SOLARBRONZE® + Clear + Clear		28	8	23	0.21	0.18	0.15 / 0.14

Insulating Glass Unit Performance for 1.75-inch (44mm) units with 0.5-inch (13mm) airspaces and (three) 0.25-inch (6mm) Lites

Glass Type Outdoor Lite: Coating, (Surface) Glass	Middle Lite: Coating if Any (Surface) Glass	Outdoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (M1)			Visible Light Reflectance			(BTU/hr ft ² °F) NFRC U-value		Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG) Air / Argon
			Exterior %	Interior %	%	Winter Nighttime Air	Nighttime Air	Winter Nighttime Air	Air	Argon	Air	Argon
SOLARBAN® 90 (2) Glass (Continued)												
SOLARBAN® 90 (2) OPTIGRAY® + Clear + Clear			33	9	23	0.21	0.18	0.17	0.14	0.14	0.17	1.94
SOLARBAN® 90 (2) SOLARGRAY® + Clear + Clear			23	7	23	0.21	0.18	0.17	0.14	0.14	0.14	1.64
SOLARBAN® 90 (2) + SOLARBAN® 60 (4) Glass			41	13	19	0.16	0.12	0.19	0.19	0.19	0.19	2.16
SOLARBAN® 90 (2) Clear + SOLARBAN® 60 (4) Clear + Clear			43	13	19	0.16	0.12	0.19	0.19	0.19	0.19	2.26
SOLARBAN® 90 (2) ACUTY® + SOLARBAN® 60 (4) ACUTY® + ACUTY®			44	14	20	0.16	0.12	0.20	0.19	0.19	0.19	2.20 / 2.32
SOLARBAN® 90 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®			36	11	19	0.16	0.12	0.18	0.17	0.17	0.17	2.00 / 2.12
SOLARBAN® 90 (2) SOLEXA® + SOLARBAN® 60 (4) Clear + Clear			31	9	19	0.16	0.12	0.16	0.15	0.15	0.15	1.94 / 2.07
SOLARBAN® 90 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear			32	10	19	0.16	0.12	0.16	0.15	0.15	0.15	2.00 / 2.13
SOLARBAN® 90 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear			29	9	19	0.16	0.12	0.16	0.15	0.15	0.15	1.81 / 1.93
SOLARBAN® 90 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear			26	8	18	0.16	0.12	0.15	0.14	0.14	0.14	1.73 / 1.86
SOLARBAN® 90 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear			20	6	18	0.16	0.12	0.12	0.11	0.11	0.11	1.67 / 1.82
SOLARBAN® 90 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear			24	7	18	0.16	0.12	0.14	0.13	0.13	0.13	1.71 / 1.85
SOLARBAN® 90 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear			29	9	18	0.16	0.12	0.15	0.15	0.15	0.15	1.93
SOLARBAN® 90 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear			20	7	18	0.16	0.12	0.12	0.12	0.12	0.12	1.67
SOLARBAN® R67 (2) Glass			48	22	21	0.22	0.18	0.26	0.26	0.26	0.26	1.85
SOLARBAN® R67 (2) Clear + Clear + Clear			51	22	21	0.22	0.18	0.27	0.27	0.27	0.27	1.89
SOLARBAN® R67 (2) ACUTY® + ACUTY® + ACUTY®			52	22	22	0.22	0.18	0.28	0.28	0.28	0.28	1.86
SOLARBAN® R67 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®			42	18	21	0.22	0.18	0.23	0.22	0.22	0.22	1.83 / 1.91
SOLARBAN® R67 (2) SOLEXA® + Clear + Clear			37	14	21	0.22	0.18	0.20	0.19	0.19	0.19	1.85 / 1.95
SOLARBAN® R67 (2) ATLANTICA® + Clear + Clear			37	15	21	0.22	0.18	0.20	0.19	0.19	0.19	1.85 / 1.95
SOLARBAN® R67 (2) AZURIA® + Clear + Clear			35	13	21	0.22	0.18	0.22	0.21	0.21	0.21	1.59 / 1.67
SOLARBAN® R67 (2) OPTIBLUE® + Clear + Clear			31	11	21	0.22	0.18	0.20	0.19	0.19	0.19	1.55 / 1.63
SOLARBAN® R67 (2) SOLARBLUE® + Clear + Clear			23	9	21	0.22	0.18	0.16	0.15	0.15	0.15	1.44 / 1.53
SOLARBAN® R67 (2) PACIFICA® + Clear + Clear			29	10	21	0.22	0.18	0.19	0.18	0.18	0.18	1.53 / 1.61
SOLARBAN® R67 (2) SOLARBRONZE® + Clear + Clear			34	13	21	0.22	0.18	0.21	0.20	0.20	0.20	1.62 / 1.70
SOLARBAN® R67 (2) OPTIGRAY® + Clear + Clear			24	9	21	0.22	0.18	0.18	0.17	0.17	0.17	1.33 / 1.41
SOLARBAN® R67 (2) + SOLARBAN® 60 (4) Glass			43	20	17	0.16	0.12	0.23	0.23	0.23	0.23	1.87
SOLARBAN® R67 (2) Clear + SOLARBAN® 60 (4) Clear + Clear			45	21	17	0.16	0.12	0.24	0.24	0.24	0.24	1.88
SOLARBAN® R67 (2) ACUTY® + SOLARBAN® 60 (4) ACUTY® + ACUTY®			47	21	18	0.16	0.12	0.24	0.24	0.24	0.24	1.96
SOLARBAN® R67 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®			37	16	17	0.16	0.12	0.20	0.19	0.19	0.19	1.85 / 1.95
SOLARBAN® R67 (2) SOLEXA® + SOLARBAN® 60 (4) Clear + Clear			32	13	17	0.16	0.12	0.17	0.17	0.17	0.17	1.88
SOLARBAN® R67 (2) ATLANTICA® + Clear + Clear			33	14	17	0.16	0.12	0.18	0.17	0.17	0.17	1.83 / 1.94
SOLARBAN® R67 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear			31	13	17	0.16	0.12	0.19	0.19	0.19	0.19	1.63
SOLARBAN® R67 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear			27	11	16	0.16	0.12	0.17	0.17	0.17	0.17	1.59
SOLARBAN® R67 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear			21	8	16	0.16	0.12	0.14	0.13	0.13	0.13	1.50 / 1.62
SOLARBAN® R67 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear			26	10	16	0.16	0.12	0.16	0.16	0.16	0.16	1.63
SOLARBAN® R67 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear			30	12	16	0.16	0.12	0.16	0.16	0.16	0.16	1.67
SOLARBAN® R67 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear			21	8	16	0.16	0.12	0.15	0.14	0.14	0.14	1.40 / 1.50
SOLARBAN® R77 (2) Glass			42	27	21	0.21	0.18	0.23	0.23	0.23	0.23	1.91
SOLARBAN® R77 (2) Clear + Clear + Clear			45	28	22	0.21	0.18	0.23	0.23	0.23	0.23	1.96
SOLARBAN® R77 (2) ACUTY® + ACUTY® + ACUTY®			46	28	22	0.21	0.18	0.23	0.23	0.23	0.23	2.00
SOLARBAN® R77 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®			37	22	21	0.21	0.18	0.20	0.19	0.19	0.19	1.85 / 1.95
SOLARBAN® R77 (2) SOLEXA® + Clear + Clear			32	17	21	0.21	0.18	0.18	0.17	0.17	0.17	1.78 / 1.88
SOLARBAN® R77 (2) ATLANTICA® + Clear + Clear			33	18	21	0.21	0.18	0.18	0.17	0.17	0.17	1.83 / 1.94
SOLARBAN® R77 (2) AZURIA® + Clear + Clear			30	16	21	0.21	0.18	0.19	0.18	0.18	0.18	1.58 / 1.67
SOLARBAN® R77 (2) OPTIBLUE® + Clear + Clear			27	14	21	0.21	0.18	0.18	0.17	0.17	0.17	1.50 / 1.59
SOLARBAN® R77 (2) SOLARBLUE® + Clear + Clear			20	10	21	0.21	0.18	0.15	0.14	0.14	0.14	1.38 / 1.43
SOLARBAN® R77 (2) PACIFICA® + Clear + Clear			25	13	21	0.21	0.18	0.17	0.16	0.16	0.16	1.47 / 1.56
SOLARBAN® R77 (2) SOLARBRONZE® + Clear + Clear			30	16	21	0.21	0.18	0.18	0.17	0.17	0.17	1.67
SOLARBAN® R77 (2) OPTIGRAY® + Clear + Clear			21	10	21	0.21	0.18	0.16	0.15	0.15	0.15	1.31 / 1.40
SOLARBAN® R77 (2) + SOLARBAN® 60 (4) Glass			38	26	17	0.16	0.12	0.20	0.20	0.20	0.20	1.90
SOLARBAN® R77 (2) Clear + SOLARBAN® 60 (4) Clear + Clear			40	27	17	0.16	0.12	0.21	0.21	0.21	0.21	1.90
SOLARBAN® R77 (2) ACUTY® + SOLARBAN® 60 (4) ACUTY® + ACUTY®			41	27	18	0.16	0.12	0.21	0.21	0.21	0.21	1.95
SOLARBAN® R77 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®			33	21	17	0.16	0.12	0.18	0.17	0.17	0.17	1.83 / 1.94
SOLARBAN® R77 (2) SOLEXA® + SOLARBAN® 60 (4) Clear + Clear			28	17	17	0.16	0.12	0.16	0.15	0.15	0.15	1.75 / 1.87
SOLARBAN® R77 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear			29	17	17	0.16	0.12	0.16	0.15	0.15	0.15	1.81 / 1.93
SOLARBAN® R77 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear			27	16	17	0.16	0.12	0.17	0.17	0.17	0.17	1.59 / 1.69

Insulating Glass Unit Performance for 1.75-inch (44mm) units with 0.5-inch (13mm) airspaces and three 0.25-inch (6mm) Lites							
Glass Type	Visible Light Transmittance (VLT)%	Visible Light Reflectance		(BTU/hr'ft ² F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC) Air / Argon	Light to Solar Gain (LSG) Air / Argon
		Exterior %	Interior %	Winter Nighttime Air	Winter Nighttime Argon		
SOLARBAN® R77 (2) + SOLARBAN® 60 (4) Glass (Continued)							
SOLARBAN® R77 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear	24	13	17	0.16	0.12	0.15	1.60
SOLARBAN® R77 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear	18	9	16	0.16	0.12	0.13 / 0.12	1.38 / 1.50
SOLARBAN® R77 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear	22	12	17	0.16	0.12	0.14	1.57
SOLARBAN® R77 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear	27	15	17	0.16	0.12	0.16 / 0.15	1.69 / 1.80
SOLARBAN® R77 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear	19	10	17	0.16	0.12	0.13 / 0.12	1.46 / 1.58
SOLARBAN® R100 (2) Glass							
SOLARBAN® R100 (2) Clear + Clear + Clear	37	34	19	0.22	0.18	0.21	1.76
SOLARBAN® R100 (2) ACUITY® + ACUITY® + ACUITY®	39	34	19	0.22	0.18	0.22 / 0.21	1.77 / 1.86
SOLARBAN® R100 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®	40	35	20	0.22	0.18	0.22 / 0.21	1.82 / 1.90
SOLARBAN® R100 (2) SOLEXIA® + Clear + Clear	33	27	19	0.22	0.18	0.19 / 0.18	1.74 / 1.83
SOLARBAN® R100 (2) ATLANTICA® + Clear + Clear	28	21	19	0.22	0.18	0.17 / 0.16	1.65 / 1.75
SOLARBAN® R100 (2) AZURIA® + Clear + Clear	29	22	19	0.22	0.18	0.17 / 0.16	1.71 / 1.81
SOLARBAN® R100 (2) OPTIBLUE® + Clear + Clear	27	19	19	0.22	0.18	0.18 / 0.17	1.50 / 1.59
SOLARBAN® R100 (2) SOLARBLUE® + Clear + Clear	24	16	19	0.22	0.18	0.17 / 0.16	1.41 / 1.50
SOLARBAN® R100 (2) PACIFICA® + Clear + Clear	18	11	19	0.22	0.18	0.14 / 0.13	1.29 / 1.38
SOLARBAN® R100 (2) SOLARBRONZE® + Clear + Clear	22	15	19	0.22	0.18	0.16 / 0.15	1.38 / 1.47
SOLARBAN® R100 (2) OPTIGRAY® + Clear + Clear	26	19	19	0.22	0.18	0.17	1.53
SOLARBAN® R100 (2) SOLARGRAY® + Clear + Clear	19	12	19	0.22	0.18	0.15 / 0.14	1.27 / 1.36
SOLARBAN® R100 (2) + SOLARBAN® 60 (4) Glass							
SOLARBAN® R100 (2) Clear + SOLARBAN® 60 (4) Clear + Clear	33	33	15	0.16	0.12	0.19 / 0.18	1.74 / 1.83
SOLARBAN® R100 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®	35	33	15	0.16	0.12	0.19	1.84
SOLARBAN® R100 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®	36	34	16	0.16	0.12	0.19	1.89
SOLARBAN® R100 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear	29	26	15	0.16	0.12	0.16	1.81
SOLARBAN® R100 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear	25	20	15	0.16	0.12	0.14	1.79
SOLARBAN® R100 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear	26	21	15	0.16	0.12	0.15 / 0.14	1.73 / 1.86
SOLARBAN® R100 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear	24	19	15	0.16	0.12	0.15	1.60
SOLARBAN® R100 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear	21	16	15	0.16	0.12	0.14 / 0.13	1.50 / 1.62
SOLARBAN® R100 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear	16	11	15	0.16	0.12	0.12 / 0.11	1.33 / 1.45
SOLARBAN® R100 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear	20	15	15	0.16	0.12	0.13	1.54
SOLARBAN® R100 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear	23	18	15	0.16	0.12	0.15 / 0.14	1.53 / 1.64
SOLARBAN® R100 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear	16	12	15	0.16	0.12	0.12	1.33
SOLARBAN® 60 (2) + SUNGATE® 400 (4) Glass							
SOLARBAN® 60 (2) Clear + SUNGATE® 400 (4) Clear - Clear	61	14	16	0.17	0.13	0.34	1.79
SOLARBAN® 60 (2) STARPHIRE® + SUNGATE® 400 (4) STARPHIRE® + STARPHIRE®	64	15	17	0.17	0.13	0.37	1.78
SOLARBAN® 60 (2) + SUNGATE® 400 (5) Glass							
SOLARBAN® 60 (2) Clear + Clear + SUNGATE® 400 (5) Clear	61	14	16	0.17	0.13	0.35 / 0.34	1.74 / 1.79
SOLARBAN® 60 (2) STARPHIRE® + STARPHIRE® + SUNGATE® 400 (5) STARPHIRE®	66	15	17	0.17	0.13	0.38	1.74
SOLARBAN® 60 (2) + SOLARBAN® 60 (4) + SUNGATE THERML™ (6) Glass							
SOLARBAN® 60 (2) Clear + SOLARBAN® 60 (4) Clear + SUNGATE THERML™ (6) Clear	56	12	12	0.14	0.11	0.30	1.87
SOLARBAN® 60 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + SUNGATE THERML™ (6) ACUITY®	59	12	13	0.14	0.11	0.32	1.84
SOLARBAN® 60 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + SUNGATE THERML™ (6) STARPHIRE®	61	12	13	0.14	0.11	0.33	1.85
SOLARBAN® 70 (2) + SOLARBAN® 60 (4) + SUNGATE THERML™ (6) Glass							
SOLARBAN® 70 (2) Clear + SOLARBAN® 60 (4) Clear + SUNGATE THERML™ (6) Clear	51	14	13	0.13	0.11	0.23 / 0.22	2.22 / 2.32
SOLARBAN® 72 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + SUNGATE THERML™ (6) ACUITY®	54	14	14	0.13	0.11	0.23	2.35
SOLARBAN® 72 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + SUNGATE THERML™ (6) STARPHIRE®	56	14	14	0.13	0.11	0.24	2.33

The results represent Center-of-Glass performance data based on ANSI/NFRC 100 and ANSI/NFRC 200 Environmental Design Conditions utilizing the LBWL Window 7.3 software program according to the procedures in ANSI/NFRC 100, ANSI/NFRC 200, and NFRC 300. Performance data is based on representative samples of factory production. Actual values may vary slightly due to variations in the production process. This data is to be used for comparison purposes and should not be considered a contract. For configurations that include diffuse components, performance results cannot be verified and should only be used as a general indication of performance. It is the recipient's responsibility to ensure the manufacturability of the above glazing configurations as well as evaluating appropriate design considerations such as wind and snow load analysis, thermal stress analysis, and local building code compliance. Vitro makes no warranty or guarantee as to the results obtained by the user and assumes no responsibility for the accuracy of the data from non-Vitro manufacturers utilized in the above simulations. Vitro recommends that a full size mock-up be reviewed under the specific job-site conditions and retain the mock-up as a basis of acceptable product.

Glass colors represented are approximate.

While Vitro has made a good faith effort to verify the reliability of this computer based tool, it may contain unknown programming errors that may result in incorrect results. The user is encouraged to use good judgment and report any questionable results to Vitro for evaluation. The applicability and subsequent results of data simulated by this tool will be compromised if the user fails to input the correct information. Vitro makes no warranty or guarantee as to the results obtained by the user of this tool and assumes no responsibility for the accuracy of the data from non-Vitro manufacturers available for simulations in this program.

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