



**PERFORMANCE DATA**  
for Triple Pane Insulating Glass Units

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

Outdoor Lite: Coating (Surface) Glass	+	Glass Type Middle Lite: Coating if Any (Surface) Glass	+	Outdoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT)%	Visible Light Reflectance		(BTU/hr·ft <sup>2</sup> ·°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® 60 (2) Glass**

SOLARBAN® 60 (2) Clear + Clear + Clear	63	15	18	0.22	0.18	0.35	1.80
SOLARBAN® 60 (2) ACUITY® + ACUITY® + ACUITY®	67	15	18	0.22	0.18	0.37	1.81
SOLARBAN® 60 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®	68	16	18	0.22	0.18	0.38	1.79
SOLARBAN® 60 (2) SOLEXIA® + Clear + Clear	55	13	18	0.22	0.18	0.29 / 0.28	1.90 / 1.96
SOLARBAN® 60 (2) ATLANTICA® + Clear + Clear	48	11	17	0.22	0.18	0.24	2.00
SOLARBAN® 60 (2) AZURIA® + Clear + Clear	49	11	17	0.22	0.18	0.25 / 0.24	1.96 / 2.04
SOLARBAN® 60 (2) OPTIBLUE® + Clear + Clear	46	10	17	0.22	0.18	0.29	1.59
SOLARBAN® 60 (2) SOLARBLUE® + Clear + Clear	40	9	17	0.22	0.18	0.26	1.6
SOLARBAN® 60 (2) PACIFICA® + Clear + Clear	30	7	17	0.22	0.18	0.20 / 0.19	1.50 / 1.58
SOLARBAN® 60 (2) SOLARBRONZE® + Clear + Clear	38	8	17	0.22	0.18	0.25 / 0.24	1.52 / 1.58
SOLARBAN® 60 (2) OPTIGRAY® + Clear + Clear	45	10	17	0.22	0.18	0.27 / 0.26	1.67 / 1.73
SOLARBAN® 60 (2) SOLARGRAY® + Clear + Clear	32	7	17	0.22	0.18	0.22	1.45

**SOLARBAN® 60 (2) + SOLARBAN® 60 (4) Glass**

SOLARBAN® 60 (2) Clear + SOLARBAN® 60 (4) Clear + Clear	56	12	14	0.16	0.12	0.31	1.81
SOLARBAN® 60 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®	59	13	14	0.16	0.12	0.32	1.84
SOLARBAN® 60 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®	61	13	15	0.16	0.12	0.33	1.85
SOLARBAN® 60 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear	49	10	14	0.16	0.12	0.25	1.96
SOLARBAN® 60 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear	42	9	14	0.16	0.12	0.22 / 0.21	1.91 / 2.00
SOLARBAN® 60 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear	43	9	14	0.16	0.12	0.22 / 0.21	1.95 / 2.50
SOLARBAN® 60 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear	40	9	14	0.16	0.12	0.25	1.60
SOLARBAN® 60 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear	35	8	13	0.16	0.12	0.22 / 0.21	1.59 / 1.67
SOLARBAN® 60 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear	27	6	13	0.16	0.12	0.17 / 0.16	1.59 / 1.69
SOLARBAN® 60 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear	34	7	13	0.16	0.12	0.21	1.62
SOLARBAN® 60 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear	40	8	14	0.16	0.12	0.23	1.74
SOLARBAN® 60 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear	28	6	13	0.16	0.12	0.19 / 0.18	1.47 / 1.56

**SOLARBAN® 70 (2) Glass**

SOLARBAN® 70 (2) Clear + Clear + Clear	58	17	20	0.21	0.18	0.25	2.32
SOLARBAN® 72 (2) ACUITY® + ACUITY® + ACUITY®	61	17	20	0.21	0.18	0.26 / 0.25	2.35 / 2.44
SOLARBAN® 72 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®	63	17	20	0.21	0.18	0.26 / 0.25	2.42 / 2.52
SOLARBAN® 70 (2) SOLEXIA® + Clear + Clear	50	14	19	0.21	0.18	0.23 / 0.22	2.17 / 2.27
SOLARBAN® 70 (2) ATLANTICA® + Clear + Clear	44	12	19	0.21	0.18	0.20	2.20
SOLARBAN® 70 (2) AZURIA® + Clear + Clear	45	12	19	0.21	0.18	0.21 / 0.20	2.14 / 2.25
SOLARBAN® 70 (2) OPTIBLUE® + Clear + Clear	42	11	19	0.21	0.18	0.20	2.1
SOLARBAN® 70 (2) SOLARBLUE® + Clear + Clear	37	10	19	0.21	0.18	0.19 / 0.18	1.95 / 2.06
SOLARBAN® 70 (2) PACIFICA® + Clear + Clear	28	7	19	0.21	0.18	0.16 / 0.15	1.75 / 1.87
SOLARBAN® 70 (2) SOLARBRONZE® + Clear + Clear	35	9	19	0.21	0.18	0.18 / 0.17	1.94 / 2.06
SOLARBAN® 70 (2) OPTIGRAY® + Clear + Clear	41	11	19	0.21	0.18	0.20 / 0.19	2.05 / 2.16
SOLARBAN® 70 (2) SOLARGRAY® + Clear + Clear	29	8	19	0.21	0.18	0.16	1.81

**SOLARBAN® 70 (2) + SOLARBAN® 60 (4) Glass**

SOLARBAN® 70 (2) Clear + SOLARBAN® 60 (4) Clear + Clear	51	15	16	0.15	0.12	0.23	2.22
SOLARBAN® 72 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®	55	15	16	0.15	0.12	0.24 / 0.23	2.29 / 2.39
SOLARBAN® 72 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®	56	15	16	0.15	0.12	0.24	2.33
SOLARBAN® 70 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear	45	12	15	0.15	0.12	0.21 / 0.20	2.14 / 2.25
SOLARBAN® 70 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear	39	10	15	0.15	0.12	0.18 / 0.17	2.17 / 2.29
SOLARBAN® 70 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear	40	11	15	0.15	0.12	0.19 / 0.18	2.11 / 2.22
SOLARBAN® 70 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear	37	10	15	0.15	0.12	0.18	2.06
SOLARBAN® 70 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear	32	9	15	0.15	0.12	0.17 / 0.16	1.88 / 2.00
SOLARBAN® 70 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear	25	7	15	0.15	0.12	0.14 / 0.13	1.79 / 1.92
SOLARBAN® 70 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear	31	8	15	0.15	0.12	0.16 / 0.15	1.94 / 2.07
SOLARBAN® 70 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear	36	10	15	0.15	0.12	0.18 / 0.17	2.00 / 2.12
SOLARBAN® 70 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear	26	7	15	0.15	0.12	0.14	1.86

**SOLARBAN® 90 (2) Glass**

SOLARBAN® 90 (2) Clear + Clear + Clear	46	14	24	0.21	0.18	0.21	2.19
SOLARBAN® 90 (2) ACUITY® + ACUITY® + ACUITY®	49	15	24	0.21	0.18	0.21	2.33
SOLARBAN® 90 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®	50	15	25	0.21	0.18	0.21	2.38
SOLARBAN® 90 (2) SOLEXIA® + Clear + Clear	40	12	24	0.21	0.18	0.20 / 0.19	2.00 / 2.11
SOLARBAN® 90 (2) ATLANTICA® + Clear + Clear	35	10	23	0.21	0.18	0.18 / 0.17	1.94 / 2.06
SOLARBAN® 90 (2) AZURIA® + Clear + Clear	36	11	23	0.21	0.18	0.18 / 0.17	2.00 / 2.12
SOLARBAN® 90 (2) OPTIBLUE® + Clear + Clear	33	10	23	0.21	0.18	0.17	1.94
SOLARBAN® 90 (2) SOLARBLUE® + Clear + Clear	29	8	23	0.21	0.18	0.17 / 0.16	1.71 / 1.81
SOLARBAN® 90 (2) PACIFICA® + Clear + Clear	22	7	23	0.21	0.18	0.14 / 0.13	1.57 / 1.69
SOLARBAN® 90 (2) SOLARBRONZE® + Clear + Clear	28	8	23	0.21	0.18	0.16 / 0.15	1.75 / 1.87



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

Outdoor Lite: Coating (Surface) Glass	+	Glass Type Middle Lite: Coating if Any (Surface) Glass	+	Outdoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT)%	Visible Light Reflectance		(BTU/hr <sup>2</sup> ft <sup>2</sup> 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® 90 (2) Glass (Continued)**

SOLARBAN® 90 (2) OPTIGRAY® + Clear + Clear					33	9	23	0.21	0.18	0.17	1.94
SOLARBAN® 90 (2) SOLARGRAY® + Clear + Clear					23	7	23	0.21	0.18	0.14	1.64

**SOLARBAN® 90 (2) + SOLARBAN® 60 (4) Glass**

SOLARBAN® 90 (2) Clear + SOLARBAN® 60 (4) Clear + Clear					41	13	19	0.16	0.12	0.19	2.16
SOLARBAN® 90 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®					43	13	19	0.16	0.12	0.19	2.26
SOLARBAN® 90 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®					44	14	20	0.16	0.12	0.20 / 0.19	2.20 / 2.32
SOLARBAN® 90 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear					36	11	19	0.16	0.12	0.18 / 0.17	2.00 / 2.12
SOLARBAN® 90 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear					31	9	19	0.16	0.12	0.16 / 0.15	1.94 / 2.07
SOLARBAN® 90 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear					32	10	19	0.16	0.12	0.16 / 0.15	2.00 / 2.13
SOLARBAN® 90 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear					29	9	19	0.16	0.12	0.16 / 0.15	1.81 / 1.93
SOLARBAN® 90 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear					26	8	18	0.16	0.12	0.15 / 0.14	1.73 / 1.86
SOLARBAN® 90 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear					20	6	18	0.16	0.12	0.12 / 0.11	1.67 / 1.82
SOLARBAN® 90 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear					24	7	18	0.16	0.12	0.14 / 0.13	1.71 / 1.85
SOLARBAN® 90 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear					29	9	18	0.16	0.12	0.15	1.93
SOLARBAN® 90 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear					20	7	18	0.16	0.12	0.12	1.67

**SOLARBAN® R67 (2) Glass**

SOLARBAN® R67 (2) Clear + Clear + Clear					48	22	21	0.22	0.18	0.26	1.85
SOLARBAN® R67 (2) ACUITY® + ACUITY® + ACUITY®					51	22	21	0.22	0.18	0.27	1.89
SOLARBAN® R67 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®					52	22	22	0.22	0.18	0.28	1.86
SOLARBAN® R67 (2) SOLEXIA® + Clear + Clear					42	18	21	0.22	0.18	0.23 / 0.22	1.83 / 1.91
SOLARBAN® R67 (2) ATLANTICA® + Clear + Clear					37	14	21	0.22	0.18	0.20 / 0.19	1.85 / 1.95
SOLARBAN® R67 (2) AZURIA® + Clear + Clear					37	15	21	0.22	0.18	0.20 / 0.19	1.85 / 1.95
SOLARBAN® R67 (2) OPTIBLUE® + Clear + Clear					35	13	21	0.22	0.18	0.22 / 0.21	1.59 / 1.67
SOLARBAN® R67 (2) SOLARBLUE® + Clear + Clear					31	11	21	0.22	0.18	0.20 / 0.19	1.55 / 1.63
SOLARBAN® R67 (2) PACIFICA® + Clear + Clear					23	9	21	0.22	0.18	0.16 / 0.15	1.44 / 1.53
SOLARBAN® R67 (2) SOLARBRONZE® + Clear + Clear					29	10	21	0.22	0.18	0.19 / 0.18	1.53 / 1.61
SOLARBAN® R67 (2) OPTIGRAY® + Clear + Clear					34	13	21	0.22	0.18	0.21 / 0.20	1.62 / 1.70
SOLARBAN® R67 (2) SOLARGRAY® + Clear + Clear					24	9	21	0.22	0.18	0.18 / 0.17	1.33 / 1.41

**SOLARBAN® R67 (2) + SOLARBAN® 60 (4) Glass**

SOLARBAN® R67 (2) Clear + SOLARBAN® 60 (4) Clear + Clear					43	20	17	0.16	0.12	0.23	1.87
SOLARBAN® R67 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®					45	21	17	0.16	0.12	0.24	1.88
SOLARBAN® R67 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®					47	21	18	0.16	0.12	0.24	1.96
SOLARBAN® R67 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear					37	16	17	0.16	0.12	0.20 / 0.19	1.85 / 1.95
SOLARBAN® R67 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear					32	13	17	0.16	0.12	0.17	1.88
SOLARBAN® R67 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear					33	14	17	0.16	0.12	0.18 / 0.17	1.83 / 1.94
SOLARBAN® R67 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear					31	13	17	0.16	0.12	0.19	1.63
SOLARBAN® R67 (2) SOLARBLUE® + SOLARBAN® 60 (4) Clear + Clear					27	11	16	0.16	0.12	0.17	1.59
SOLARBAN® R67 (2) PACIFICA® + SOLARBAN® 60 (4) Clear + Clear					21	8	16	0.16	0.12	0.14 / 0.13	1.50 / 1.62
SOLARBAN® R67 (2) SOLARBRONZE® + SOLARBAN® 60 (4) Clear + Clear					26	10	16	0.16	0.12	0.16	1.63
SOLARBAN® R67 (2) OPTIGRAY® + SOLARBAN® 60 (4) Clear + Clear					30	12	16	0.16	0.12	0.18	1.67
SOLARBAN® R67 (2) SOLARGRAY® + SOLARBAN® 60 (4) Clear + Clear					21	8	16	0.16	0.12	0.15 / 0.14	1.40 / 1.50

**SOLARBAN® R77 (2) Glass**

SOLARBAN® R77 (2) Clear + Clear + Clear					42	27	21	0.21	0.18	0.23 / 0.22	1.83 / 1.91
SOLARBAN® R77 (2) ACUITY® + ACUITY® + ACUITY®					45	28	22	0.21	0.18	0.23	1.96
SOLARBAN® R77 (2) STARPHIRE® + STARPHIRE® + STARPHIRE®					46	28	22	0.21	0.18	0.23	2.00
SOLARBAN® R77 (2) SOLEXIA® + Clear + Clear					37	22	21	0.21	0.18	0.20 / 0.19	1.85 / 1.95
SOLARBAN® R77 (2) ATLANTICA® + Clear + Clear					32	17	21	0.21	0.18	0.18 / 0.17	1.78 / 1.88
SOLARBAN® R77 (2) AZURIA® + Clear + Clear					33	18	21	0.21	0.18	0.18 / 0.17	1.83 / 1.94
SOLARBAN® R77 (2) OPTIBLUE® + Clear + Clear					30	16	21	0.21	0.18	0.19 / 0.18	1.58 / 1.67
SOLARBAN® R77 (2) SOLARBLUE® + Clear + Clear					27	14	21	0.21	0.18	0.18 / 0.17	1.50 / 1.59
SOLARBAN® R77 (2) PACIFICA® + Clear + Clear					20	10	21	0.21	0.18	0.15 / 0.14	1.33 / 1.43
SOLARBAN® R77 (2) SOLARBRONZE® + Clear + Clear					25	13	21	0.21	0.18	0.17 / 0.16	1.47 / 1.56
SOLARBAN® R77 (2) OPTIGRAY® + Clear + Clear					30	16	21	0.21	0.18	0.18	1.67
SOLARBAN® R77 (2) SOLARGRAY® + Clear + Clear					21	10	21	0.21	0.18	0.16 / 0.15	1.31 / 1.40

**SOLARBAN® R77 (2) + SOLARBAN® 60 (4) Glass**

SOLARBAN® R77 (2) Clear + SOLARBAN® 60 (4) Clear + Clear					38	26	17	0.16	0.12	0.20	1.90
SOLARBAN® R77 (2) ACUITY® + SOLARBAN® 60 (4) ACUITY® + ACUITY®					40	27	17	0.16	0.12	0.21	1.90
SOLARBAN® R77 (2) STARPHIRE® + SOLARBAN® 60 (4) STARPHIRE® + STARPHIRE®					41	27	18	0.16	0.12	0.21	1.95
SOLARBAN® R77 (2) SOLEXIA® + SOLARBAN® 60 (4) Clear + Clear					33	21	17	0.16	0.12	0.18 / 0.17	1.83 / 1.94
SOLARBAN® R77 (2) ATLANTICA® + SOLARBAN® 60 (4) Clear + Clear					28	17	17	0.16	0.12	0.16 / 0.15	1.75 / 1.87
SOLARBAN® R77 (2) AZURIA® + SOLARBAN® 60 (4) Clear + Clear					29	17	17	0.16	0.12	0.16 / 0.15	1.81 / 1.93
SOLARBAN® R77 (2) OPTIBLUE® + SOLARBAN® 60 (4) Clear + Clear					27	16	17	0.16	0.12	0.17 / 0.16	1.59 / 1.69

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

Outdoor Lite: Coating (Surface) Glass	+	Glass Type Middle Lite: Coating if Any (Surface) Glass	+	Outdoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT) %	Visible Light Reflectance		(BTU/hr·ft <sup>2</sup> ·°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 LBNL 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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