



Acoustical Testing

Report Number	Glass Type	Product Type	Panel Width	Panel Height	STC Rating	OITC Rating
Doors						
GEN 2 REGULAR THERMAL FOLDING WALL						
F3179.01	1½" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ½" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Standard Sill or Recessed Standard	44⅞"	90½"	39	32
F3179.02	1½" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ½" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Recessed Ramp Sill or Recessed Flush Sill	44⅞"	90½"	34	29
GEN 3 LT THERMAL FOLDING WALL						
F3184.01	1½" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ½" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Recessed Ramp Sill or Recessed Flush Sill	44⅞"	90½"	38	31
F3184.02	1½" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ½" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Standard Sill or Recessed Standard Sill	44⅞"	90½"	39	32
GEN 3 LT NARROW THERMAL FOLDING WALL						
L0249.02-113-11-R0	1⅞" IG (⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated, ¾" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated) - Cardinal Glass	Standard Sill or Recessed Standard Sill	45"	92"	45	35
L0249.01-113-11-R0	1⅞" IG (⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated, ¾" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated) - Cardinal Glass	Recessed Flush Sill	45"	92"	44	35
GEN 2 THERMAL SLIDING DOOR						
F3159.01	1" IG (¼" Tempered, ½" Air, ¼" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass		36¼"	77½"	33	29
GEN 3 SLIDING DOOR						
C2184.01	1⅜" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ¾" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass		36½"	76⅝"	42	36
E3296.01	1⅜" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, 11/16" Air, ¼" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass		36¼"	78½"	38	30
GEN 3 SLIDE AND STACK WALL						
L2446.03-113-11-R0	1⅞" IG (⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated, ¾" Air, ⅜" Annealed Laminated w/.030 Acoustical Interlayer ⅜" Annealed Laminated) - Cardinal Glass	Dust-Proof Floor Strike	42¾"	92¼"	41	32
G3 LT NARROW SLIDE AND STACK WALL						
F3348.01	11/16" IG (¼" Annealed Laminated w/.030 Acoustical Interlayer, ¾" Air, ¼" Annealed Laminated .030 Acoustical Interlayer) - Cardinal Glass		40⅞"	86 ⁹ / ₁₆ "	32	28
GEN 3 LIFT AND SLIDE						
F3157.01A1	1¼" IG (¼" Annealed Laminated, ¾" Air, ¼" Tempered) - Cardinal Glass		37⅞"	77½"	32	25

Report Number	Glass Type	Product Type	Panel Width	Panel Height	STC Rating	OITC Rating
G2 TERRACE DOOR WITH SIDELITE						
F3352.01	1" IG (3/16" Tempered, 9/16" Air, 1/4" Tempered) Door - Cardinal Glass	G2 Mod TD with Sidelite	36"	96"	35	28
	1" IG (1/4" Tempered, 9/16" Air, 3/16" Tempered) Sidelight - Cardinal Glass					
G2 TERRACE DOOR						
G3494.01	1 1/16" IG (3/16" Tempered, 7/16" Air, 7/16" Lami w/.090SGP) - Cardinal Glass	G2 Mod TD	39 7/16"	83 11/16"	37	31
G3 TERRACE DOOR						
G5135.01	1 1/16" IG (3/16" Ann, 7/16" Air, 7/16" Lami w/.090SGP) - Cardinal Glass	G3 Mod TD	47 1/4"	108"	37	31
G2 FRENCH DOOR						
G3495.01	1 1/16" IG (3/16" Tempered, 7/16" Air, 7/16" Lami w/.090SGP) - Cardinal Glass	G2 Mod French	37 13/32"	83 11/16"	38	31
G3 FRENCH DOOR						
G5134.01	1 1/16" IG (3/16" Ann, 7/16" Air, 7/16" Lami w/.090SGP) - Cardinal Glass	G3 Mod French	39 7/16"	83 11/16"	37	30
Windows						
G2 INTERNATIONAL HP TILT-TURN						
F3242.01	1" IG (3/16" Tempered, 9/16" Air, 1/4" Tempered) - Cardinal Glass	G2 Intl HP Tilt-Turn	47 1/4"	59"	35	28
G2 INTERNATIONAL AWNING						
G3481.01	1" IG (3/16" Tempered, 9/16" Air, 5/16" Annealed Laminated w/.090SGP) - Cardinal Glass	G2 Intl Awning	59 1/8"	23 5/8"	35	28
G2 INTERNATIONAL CASEMENT						
G3479.01	1" IG (3/16" Tempered, 9/16" Air, 5/16" Annealed Laminated w/.090SGP) - Cardinal Glass	G2 Intl Casement	23 5/8"	59"	36	29
G2 INTERNATIONAL FIXED						
G3478.01	1" IG (3/16" Tempered, 9/16" Air, 5/16" Annealed Laminated w/.090SGP) - Cardinal Glass	G2 Intl Fixed	47 1/4"	59"	35	29
Vinyl Products						
VINYL TILT-TURN WINDOW						
E5874.01	1 1/4" IG (1/4" Tempered, 3/4" Air, 1/4" Tempered) - Cardinal Glass	Vinyl Tilt-Turn	44"	55 3/4"	33	26
VINYL TILT-TURN WINDOW WITH SIDELITE						
G5129.01	1" IG (1/4" Annealed Laminated w/.030 Acoustical Interlayer, 1/2" Air, 1/4" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Vinyl Tilt-Turn w/Sidelite (Trickle Vent)	35 13/16"	89 1/4"	35	29
VINYL TERRACE DOOR WITH SIDELITE						
G5130.01D	1" IG (1/4" Annealed Laminated w/.030 Acoustical Interlayer, 1/2" Air, 1/4" Annealed Laminated w/.030 Acoustical Interlayer) - Cardinal Glass	Vinyl Terrace Door with Sidelite	37 13/16"	70 1/2"	36	29
Aluminum Structures						
CURTAIN WALL						
G3482.01	1 1/16" IG (3/16" Tempered, 7/16" Air, 7/16" Annealed Laminated w/.090SGP) - Cardinal Glass	G2 HGB	40"	80"	33	28
Wood						
GEN 3 WOOD FOLDING WALL						
H8180.01	1 1/16" IG (1/4" Tempered, 1/2" Air, 5/16" Annealed Laminated w/.060 PVB Interlayer) - Cardinal Glass	Cladding - Standard or Recessed Standard Sill	25"	86 1/2"	35	30
H8180.02	1 1/16" IG (1/4" Tempered, 1/2" Air, 5/16" Annealed Laminated w/.060 PVB Interlayer) - Cardinal Glass	No Cladding - Standard Sill or Recessed Standard Sill	25"	86 1/2"	36	31

Project specific testing is available, as well as systems with additional glass types.