

**V2 FOLDING DOOR SYSTEM**

PRODUCT TYPE: V2 OUTSWING BIFOLD DOOR  
 SERIES/MODEL: V2  
 DESCRIPTION: V2 STILE WITH ALUMINUM INTERIOR  
 PANEL SIZE: 48" x 120"

Weather Resistant Sill Test Results			
TEST DESCRIPTION		MEASURED	ALLOWED
Air Infiltration Result ASTM-E 283	1.57 psf	0.26 CFM/FT <sup>2</sup> Infiltration 0.27 CFM/FT <sup>2</sup> Exfiltration	0.3 CFM/FT <sup>2</sup>
Water Infiltration Result ASTM-E 547	10.65 psf DP 50	No Leakage	No Leakage
Uniform Load Deflection ASTM-E 330	-+ 35.0 psf DP 35	0.545" Positive 1.04" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	-+ 52.5 psf DP 35	0.07" Positive 0.10" Negative	Report Only Report Only
Forced Entry ASTM-F842	Grade 10	Pass	No Entry
Overall DP Rating	DP 35		

NFRC RATINGS | THERMAL PERFORMANCE | PANEL SIZES: ALL SIZES

Type of Glass (4mm)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED				
LoE272 - Air - Clear	1"	0.40	0.30	0.50
LoE270 - Air - Clear	1"	0.39	0.27	0.49
LoE366 - Air - Clear	1"	0.39	0.20	0.45
ARGON FILLED				
LoE272 - Argon - Clear	1"	0.36	0.30	0.50
LoE270 - Argon - Clear	1"	0.36	0.26	0.49
LoE366 - Argon - Clear	1"	0.36	0.20	0.45
ARGON FILLED WITH i89				
LoE272 - Argon - i89	1"	0.32	0.29	0.49
LoE270 - Argon - i89	1"	0.32	0.26	0.48
LoE366 - Argon - i89	1"	0.32	0.20	0.44
TRIPLE GLAZED - AIR FILLED				
LoE272 - Clear - LoE272	19/16"	0.29	0.25	0.40
LoE366 - E180 - i89	19/16"	0.27	0.17	0.39
TRIPLE GLAZED - ARGON FILLED				
LoE272 - Clear - LoE272	19/16"	0.28	0.25	0.40
LoE366 - E180 - i89	19/16"	0.25	0.17	0.39

STC & OITC CLASS VALUES

Product Type	Exterior Glazing	Airspace	Interior Glazing	STC	OITC	STC Report #
V2 Outswing Folding Door - Operable (All Tests)						
V2 Folding (72 1/8" x 80")	1-1/8" IG (1/4" Tempered Exterior)	5/8"	1/4" Tempered Interior	35	27	N7949.01A2
V2 Folding (72 1/8" x 80")	1" IG (3/16" Tempered Exterior)	5/8"	3/16" Tempered Interior	34	27	N7949.01B
V2 Folding (72 1/8" x 80")	1" IG (5/32" Tempered Exterior)	11/16"	5/32" Tempered Interior	33	26	N7949.01C
V2 Folding (72 1/8" x 80")	1" IG (1/4" Tempered Exterior)	1/2"	5/16" Laminated Interior	37	35	N7949.01D
V2 Folding (72 1/8" x 80")	1" IG (1/4" Tempered Exterior)	3/8"	1/2" Laminated Interior	35	29	N7949.01E