

Heritage / Artistry Flush Doors STC Capability Chart



VT INDUSTRIES INC.
ARCHITECTURAL WOOD DOORS
800.827.1615
WWW.VTINDUSTRIES.COM

1000 INDUSTRIAL PARK
P.O. BOX 490
HOLSTEIN, IA 51025

VT Door Types	STC	Fire Rating	FSC*	NAUF*	Gasket Seal System	Maximum Door Size**	Lite size	GlassType / Stop
404 / 5502	30	NR	Y	Y	A	4' x 10'	Not Allowed	N/A
404 / 4P04 / 5502 / 5P02	30	20-min	Y	Y	A	Follow fire rating guidelines	Not Allowed	N/A
404 / 5502	30	NR	Y	Y	B	4' x 10'	Not Allowed	N/A
404 / 4P04 / 5502 / 5P02	30	20-min	Y	Y	B	Follow fire rating guidelines	Not Allowed	N/A
404 / 5502	30	NR	Y	Y	E	4' x 10'	Not Allowed	N/A
404 / 4P04 / 5502 / 5P02	30	20-min	Y	Y	E	Follow fire rating guidelines	Not Allowed	N/A
909 / 5509	30	NR	Y	Y	D	4' x 10'	Not Allowed	N/A
909 / 9P09 / 5509 / 5P09	30	20-min	Y	Y	D	Follow fire rating guidelines	Not Allowed	N/A
5P09 / 9P09	30	45-min	Y	Y	D	Follow fire rating guidelines	Not Allowed	N/A
404 / 5502	31	NR	Y	Y	F	4' x 10'	Not Allowed	N/A
404 / 4P04 / 5502 / 5P02	31	20-min	Y	Y	F	Follow fire rating guidelines	Not Allowed	N/A
404 / 5502	32	NR	Y	Y	A	4' x 10'	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.^	1/4" laminated glass & wood stops
404 / 4P04 / 5502 / 5P02	32	20-min	Y	Y	A	Follow fire rating guidelines	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.^	1/4" fire approved glass & wood stops with clips
404 / 5502	32	NR	Y	Y	E	4' x 10'	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.***	1/4" laminated glass & wood stops
404 / 4P04 / 5502 / 5P02	32	20-min	Y	Y	E	Follow fire rating guidelines	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.^	1/4" fire approved glass & wood stops with clips
404 / 5502	32	NR	Y	Y	C	4' x 10'	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.^	1/4" laminated glass & wood stops
404 / 4P04 / 5502 / 5P02	32	20-min	Y	Y	C	Follow fire rating guidelines	Must have lite / Min. 100 sq. in. / Max. 216 sq. in.^	1/4" fire approved glass & wood stops with clips
707 / 5507	32	NR	Y	Y	E	4' x 10'	Not Allowed	N/A
707 / 7P07 / 5507 / 5P07	32	20-min	Y	Y	E	Follow fire rating guidelines	Not Allowed	N/A
707 / 5507	32	NR	Y	Y	G	4' x 10'	Not Allowed	N/A
707 / 7P07 / 5507 / 5P07	32	20-min	Y	Y	G	Follow fire rating guidelines	Not Allowed	N/A
808 / 5508	33	NR	Y	Y	A	4' x 10'	Max. 24" x 68"	1/4" tempered glass woodstops
808 / 5508	33	NR	Y	Y	E	4' x 10'	Max. 24" x 68"	1/4" tempered glass woodstops
808 / 8P08 / 5508 / 5P08	33	20-min	Y	Y	E	Follow fire rating guidelines	Max. 24" x 68"	1/4" fire approved glass & wood stops with clips
8P08 / 1111 / 1P11 / 1345 / 1P45 / 5508 / 5P08 / 5545 / 5P45 / 5511 / 5P11	33	45-min	Y	Y	E	Follow fire rating guidelines	Not Allowed	N/A
1P45 / 5P45 / 1111 / 1P11 / 5511 / 5P11	33	60-min	Y	Y	E	Follow fire rating guidelines	Not Allowed	N/A
1111 / 1P11 / 5511 / 5P11	33	90-min	Y	Y	E	Follow fire rating guidelines	Not Allowed	N/A
1240 / 5540	35	NR	N	Y	D	4' X 8'	Not Allowed	N/A
1P11 / 5P11	35	45- / 60- / 90-min	Y	Y	K	Follow fire rating guidelines	Not Allowed	N/A
1P40 / 5P40	35	20-min	N	N	D	4' X 8'	Not Allowed	N/A
1240	39	NR / 20-min neutral	N	N	J	4' x 9'	Max. 6" x 36" / Max. 216 sq. in.*	5/8" laminated glass
5540	39	NR / 20-min neutral	N	N	J	4' x 9'	Max. 6" x 36" / Max. 216 sq. in.*	5/8" laminated glass
1P40 / 5P40	39	20-min	N	N	J	4' x 9'	Not Allowed	N/A
1250 / 5550	42	NR / 20-min neutral	N	Y	B	4' X 8'	Not Allowed	N/A
1250 / 5550	42	NR / 20-min neutral	N	Y	D	4' X 8'	Not Allowed	N/A
1250 / 5550	42	NR / 20-min neutral	N	Y	F	4' X 8'	Not Allowed	N/A
1250 / 5550	42	NR / 20-min neutral	N	Y	H	4' X 8'	Not Allowed	N/A

VT Door Types	STC	Fire Rating	FSC*	NAUF*	Gasket Seal System	Maximum Door Size**	Lite size	GlassType / Stop
1P50 / 5P50	42	20-min	N	Y	B	4' X 8'	Not Allowed	N/A
1P50 / 5P50	42	20-min	N	Y	D	4' X 8'	Not Allowed	N/A
1P50 / 5P50	42	20-min	N	Y	F	4' X 8'	Not Allowed	N/A
1P50 / 5P50	42	20-min	N	Y	B	4' X 8'	Not Allowed	N/A
1050 / 5050	45	NR	N	Y	J	4' x 9'	Max. 6" x 36" / Max. 216 sq. in.^*	5/8" laminated glass
1250	45	NR / 20-min neutral	N	Y	J	4' X 8'	Max. 6" x 36" / Max. 216 sq. in.^*	5/8" laminated glass
1250	45	NR	N	Y	I	4' X 8'	Max. 6" x 36" / Max. 216 sq. in.^*	5/8" laminated glass
5550	45	NR / 20-min neutral	N	Y	J	4' X 8'	Max. 6" x 36" / Max. 216 sq. in.^*	5/8" laminated glass
5550	45	NR / 20-min neutral	N	Y	I	4' X 8'	Max. 6" x 36" / Max. 216 sq. in.^*	5/8" laminated glass
1P50 / 5P50	45	20-min	N	Y	J	4' X 8'	Not Allowed	N/A
1P50 / 5P50	45	20-min	N	Y	I	4' X 8'	Not Allowed	N/A

Gasket Seal System Code	Door Bottom	Frame Gasket	Accupad Quantity
A	DHSI Surface Sweep #CS	105 Cush-N-Seal on Door Stop	2
B	DHSI Surface Sweep #CS	Double row S88	2
C	Pemko 234 APV	105 Cush-N-Seal on Door Stop	2
D	Pemko 234 APV	Double row S88	2
E	Pemko 234 APV	Pemko S88	2
F	Pemko 2343 AV	Double row S88	2
G	Pemko 2343 AV	Pemko S88	2
H	Pemko 434 {mortised}	Double row S88	2
I	Pemko 434 {mortised}	Pemko S773 and Pemko S44	2
J	Pemko 434 {mortised}	Triple Bubble	0
K	Zero 369	Zero 8145 and Zero 119WB	0

* FSC or no added urea-formaldehyde must be specified - Reference LEED Opportunity Brochure for more.

**Single doors only. Reference Neutral & Positive Pressure Fire Capabilities charts for guidelines.

^Fire rated doors require glass that meets fire rating; must be caulked.

*Door with lite - STC 44.

General notes pertaining to all doors listed.

1-3/4" door thickness.

Filled steel frame only.

Transoms require fixed bar between door and transom.

Hinge, locks, rim exits, surface closers, and viewers available. Consult factory if additional hardware is required.

Variations could affect the STC rating of the opening. Consult factory for details.