

Operable STC ASTM E90 plus ASTM E1408 or E1425	Max Size	Fire Maximum Rating	Core	Threshold Required	Door Bottom - Hard Surface Floor or Saddle Required	Perimeter Sealing Head & Jamb	Lites Allowed (Contact factory for specifics)	Blocking For Surface Hardware	Fixed Panel STC (ASTM E90 test only)
24-32 Low Performance 20									
24	4/0 10/0	20 min NP/PP	Wood based particleboard	None	None with 1/4" undercut	DHSI -105 cush-n-seal	YES	Not Tested	34
26	4/0 10/0	20 min NP/PP	Wood based particleboard	None	DHSI - SSDB3-3 & Corner Plugs	Single NGP - 50/50			
29	4/0 10/0	20 min NP/PP	Wood based particleboard	None	DHSI - AMDB-3-3	DHSI - 105 cush-n-seal			
30	4/0 10/0	20 min NP/PP	Wood based particleboard	None	DHSI - SSDB3-3 (Cap Sweep)				
31	4/0 10/0	20 min NP/PP	Wood based particleboard	None	DHSI - AMDB-3-3 or Secure-A-Seal (SAS)				
32	4/0 10/0	20 min NP/PP	Wood based particleboard	None	DHSI - AMDB-3-3 & Corner Plugs				
32 Low Performance 90									
32	4/0 10/0	90 min NP/PP	Fire-Resistant Composite	None	DHSI - SSDB3-3 (Cap Sweep)	DHSI - 105 cush-n-seal	YES	(Optional)	35
29-35 Medium Performance 90									
29 & 31	4/0 9/0	90-min NP/PP	Fire-Resistant Composite (fully blocked)	None	DHSI - SSDB3-3 with Corner Plugs	DHSI - 105 cush-n-seal	YES	5" Stiles and Rails Standard	35
33	4/0 9/0	90-min NP/PP	Fire-Resistant Composite (fully blocked)	None	DHSI - SSDB3-3 (Cap Sweep)				
34	4/0 9/0	90-min NP/PP	Fire-Resistant Composite (fully blocked)	None	Zero - 367 & 119 WB	Zero - 8145 & 119 WB			
35	4/0 9/0	90-min NP/PP	Fire-Resistant Composite (fully blocked)	None	Zero - 369				
37-39 High Performance 45									
37	3/0 7/0	45-min NP/PP	Proprietary Construction	None	Zero - 369	Zero - 475	YES	Not Tested	39
38	3/0 7/0	45-min NP/PP	Proprietary Construction	NGP - 950S	NGP - 321V	NGP - 2 rows 5050			
39	3/0 7/0	45-min NP/PP	Proprietary Construction	None	Zero - 369	Zero 475 & 119 WB			
38-40 High Performance 60									
38	3/0 7/0	60-min NP/PP	Proprietary Construction	None	Zero - 369	Zero - 475 & 119 WB	YES	Not Required	40
40	3/0 7/0	60-min NP/PP	Proprietary Construction						
40	3/0 7/0	45-min NP/PP (Tested with Lo-Pro BB1 - 100" NL with 3/4" Firelite Plus IGU)	Proprietary Construction	NGP - 950S	NGP - 425 N	NGP - 2 rows 5050 & 1071 SA			40
45 High Performance									
45	4/0 9/0	Non-Rated	Proprietary Construction	Pemco - 2005AS or NGP - 896S	All Metal Stamping - 300 or NGP - 225N	NGP 896S and Pemco S88, Double Row	NO	5" Stiles and Rails Standard	Not Tested & Rixed

Note: The Sound Approvals above apply to Veneer Surfaces, Paintable Surfaces, Laminate Surfaces and Rustic Embossed Hardboard Surfaces. Contact factory for specific details.
 NOT ALL SURFACE TYPES ARE AVAILABLE ON ALL CONSTRUCTIONS.