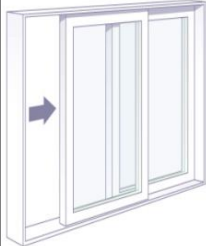


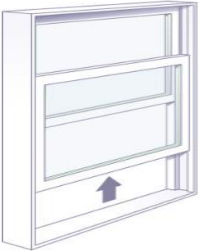
STC Ratings

Rev: 11/24/2020 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
horizontal slider 	2110 2111 2130 2130J 2170 size tested 6040	1/8	1/8	X	<--	28	22	8/8/18	I2128.01	
		1/8	3/16							
		1/8	5/32	X	<--	32	26	8/8/18	I2128.02	
		3/16	1/8							
		5/32	3/16							
		1/8	1/4	X	<--	32	27	8/8/18	I2128.03	
		1/4	1/8							
		1/8	LAM	-->	X	33	28	8/9/18	I2128.04	
		LAM	1/8							
		3/16	3/16	X	<--	30	25	8/8/18	I2128.05	
		5/32	5/32							
		3/16	1/4							
5/32	1/4	-->	X	32	28	8/8/18	I2128.06			
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	33	29	8/9/18	I2128.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	-->	X	31	28	8/8/18	I2128.08			
1/4	LAM	-->	X	33	29	8/9/18	I2128.09			
LAM	1/4									
LAM	LAM	-->	X	34	30	8/8/18	I2128.10			


STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
single hung 	2210 2211 2230 2230J 2270 size tested 4060	1/8	1/8	X	<--	28	23	8/9/18	I3892.01	
		1/8	3/16							
		1/8	5/32	X	<--	32	27	8/9/18	I3892.02	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	32	27	8/9/18	I3892.03	
		1/4	1/8							
		1/8	LAM	-->	X	33	28	8/9/18	I3892.04	
		LAM	1/8							
		3/16	3/16	X	<--	30	25	8/9/18	I3892.05	
		5/32	5/32							
		3/16	1/4							
5/32	1/4	-->	X	32	28	8/9/18	I3892.06			
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	33	29	8/9/18	I3892.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	-->	X	31	29	8/9/18	I3892.08			
1/4	LAM	-->	X	33	30	8/9/18	I3892.09			
LAM	1/4									
LAM	LAM	-->	X	34	30	8/9/18	I3892.10			


STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
picture window (slider frame) 	2310 2311 2331 2331J 2370 size tested 6040	1/8	1/8	-->	X	28	22	8/7/18	I2129.01	
		1/8	3/16							
		1/8	5/32	X	<--	31	26	8/8/18	I2129.02	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	-->	X	33	27	8/7/18	I2129.03	
		1/4	1/8							
		1/8	LAM	-->	X	33	28	8/8/18	I2129.04	
		LAM	1/8							
		3/16	3/16	-->	X	32	26	8/7/18	I2129.05	
		5/32	5/32							
		3/16	1/4	-->	X	35	29	8/7/18	I2129.06	
5/32	1/4									
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	34	29	8/7/18	I2129.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	-->	X	34	28	8/7/18	I2129.08			
1/4	LAM	-->	X	33	29	8/8/18	I2129.09			
LAM	1/4									
LAM	LAM	-->	X	33	30	8/8/18	I2129.10			


STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
picture window (step) 	2340 2341 2330 2330J size tested 6040	1/8	1/8	X	<--	27	21	7/11/18	I2130.01	
		1/8	3/16							
		1/8	5/32	X	<--	31	24	8/7/18	I2130.02	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	32	26	8/7/18	I2130.03	
		1/4	1/8							
		1/8	LAM	X	<--	33	27	8/7/18	I2130.04	
		LAM	1/8							
		3/16	3/16	X	<--	29	24	8/7/18	I2130.05	
		5/32	5/32							
		3/16	1/4							
5/32	1/4	X	<--	31	26	8/7/18	I2130.06			
1/4	3/16									
1/4	5/32									
3/16	LAM	X	<--	34	28	8/7/18	I2130.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	X	<--	31	26	8/7/18	I2130.08			
1/4	LAM	X	<--	33	27	8/7/18	I2130.09			
LAM	1/4									
LAM	LAM	X	<--	33	27	8/7/18	I2130.10			

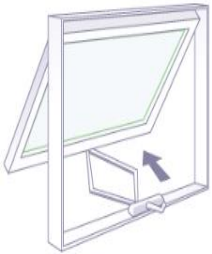
STC Ratings

Rev: 11/24/2020 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number
				Intercept or Cardinal	Foam or Dura****				
picture window (fa/fc match) 	2350T 2351T 2360T 2375T (like 6350) size tested 6040	1/8	1/8	-	-	27	21	4/10/12	TL12-264
		1/8	3/16	-	-	31	25	4/10/12	TL12-268
		1/8	5/32	-	-	32	26	4/10/12	TL12-267
		3/16	1/8	-	-	33	26	4/10/12	TL12-266
		5/32	1/8	-	-	30	24	6/28/18	I2131.01
		1/8	1/4	-	-	32	27	6/28/18	I2131.02
		1/4	1/8	-	-	34	28	6/28/18	I2131.03
		1/8	LAM	-	-	31	25	6/28/18	I2131.04
		LAM	1/8	-	-	35	28	4/10/12	TL12-269
		3/16	3/16	X	<--	35	27	4/10/12	TL12-265
		5/32	5/32	X	<--				
		3/16	1/4	X	<--				
5/32	1/4								
1/4	3/16								
1/4	5/32								
3/16	LAM	-->	X						
5/32	LAM								
LAM	3/16								
LAM	5/32								
1/4	1/4	X	<--						
1/4	LAM	-	-						
LAM	1/4								
LAM	LAM	-	-						

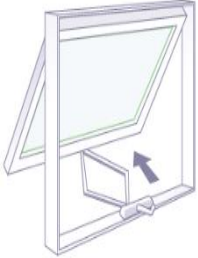
STC Ratings

Rev: 11/24/2020 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number
				Intercept or Cardinal	Foam or Dura****				
awning 	2410 2411 2430 2470 (flat sash)	1/8	1/8	-	-	29	23	4/9/12	TL12-261
		1/8	3/16	-	-	33	27	4/9/12	TL12-259
		1/8	5/32	-	-	34	28	4/9/12	TL12-262
		3/16	1/8	-	-	33	28	4/9/12	TL12-258
		5/32	1/8	-	-	28	24	6/29/18	I3893.01
		1/8	1/4	-	-	31	26	6/29/18	I3893.02
		1/4	1/8	-	-	33	27	4/9/12	TL12-263
		LAM	1/8	-	-	29	25	6/29/18	I3893.03
		3/16	3/16	X	<--	36	30	4/9/12	TL12-260
		5/32	5/32	X	<--	36	29	4/9/12	TL12-257
		5/32	1/4	-	-				
		1/4	3/16	-	-				
	1/4	5/32	-	-					
3/16	LAM	-	-						
5/32	LAM	-	-						
LAM	3/16	-	-						
LAM	5/32	-	-						
1/4	1/4	X	<--						
1/4	LAM	-	-						
LAM	1/4	-	-						
LAM	LAM	-	-						
size tested 5030									

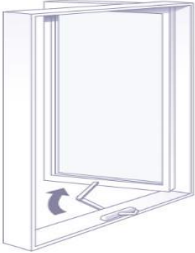
STC Ratings

Rev: 11/24/2020 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
awning 	2410T 2411T 2430T 2470T (contour sash) size tested 4030	1/8	1/8	X	<--	28	22	4/30/20	K7405.08	
		1/8	3/16							
		1/8	5/32	X	<--	31	26	4/30/20	K7405.03	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	32	26	4/30/20	K7405.02	
		1/4	1/8							
		1/8	LAM	-->	X	33	27	4/30/20	K7405.01	
		LAM	1/8							
		3/16	3/16	X	<--	29	24	4/30/20	K7405.06	
		5/32	5/32							
		3/16	1/4	X	<--	31	27	4/30/20	K7405.09	
		5/32	1/4							
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	33	28	4/30/20	K7405.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	X	<--	31	26	4/30/20	K7405.05			
1/4	LAM	-->	X	32	28	5/1/20	K7405.10			
LAM	1/4									
LAM	LAM	-->	X	33	29	4/30/20	K7405.04			

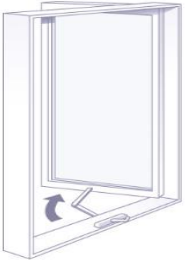
STC Ratings

Rev: 11/24/2020 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
casement 	2510 2511 2530 2570 (flat sash)	1/8	1/8	-	-	28	22	4/11/12	TL12-270	
		1/8	3/16	-	-	32	27	4/11/12	TL12-273	
		1/8	5/32	-	-	32	27	4/11/12	TL12-273	
	size tested 3050	2530 2570 (flat sash)	3/16	1/8	-	-	33	27	4/11/12	TL12-271
			5/32	1/8	-	-	33	27	4/11/12	TL12-276
		1/8	LAM	-	-	33	27	4/11/12	TL12-276	
		LAM	1/8	-	-	33	27	4/11/12	TL12-276	
		3/16	3/16	X	<--	29	23	6/28/18	I3894.01	
		5/32	5/32	X	<--	32	27	6/28/18	I3894.02	
		3/16	1/4	X	<--	32	27	6/28/18	I3894.02	
		5/32	1/4	X	<--	32	27	6/28/18	I3894.02	
		1/4	3/16	X	<--	32	27	6/28/18	I3894.02	
		1/4	5/32	X	<--	32	27	6/28/18	I3894.02	
size tested 3050	2530 2570 (flat sash)	3/16	LAM	-	-	33	27	4/11/12	TL12-272	
		5/32	LAM	-	-	33	27	4/11/12	TL12-272	
		LAM	3/16	-	-	33	27	4/11/12	TL12-272	
		LAM	5/32	-	-	33	27	4/11/12	TL12-272	
		1/4	1/4	X	<--	30	26	6/28/18	I3894.03	
size tested 3050	2530 2570 (flat sash)	1/4	LAM	-	-	35	29	4/11/12	TL12-279	
		LAM	1/4	-	-	35	29	4/11/12	TL12-279	
		LAM	LAM	-	-	33	27	4/11/12	TL12-274	


STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
casement 	2510T 2511T 2530T 2570T (contour sash) size tested 3050	1/8	1/8	X	<--	28	22	3/26/20	K7372.02	
		1/8	3/16							
		1/8	5/32	X	<--	32	26	3/26/20	K7372.01	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	32	26	3/27/20	K7372.06	
		1/4	1/8							
		1/8	LAM	-->	X	33	27	3/27/20	K7372.04	
		LAM	1/8							
		3/16	3/16	-->	X	30	25	3/27/20	K7372.10	
		5/32	5/32							
		3/16	1/4							
5/32	1/4	-->	X	32	28	3/27/20	K7372.07			
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	33	29	3/27/20	K7372.03			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	-->	X	31	28	3/27/20	K7372.09			
1/4	LAM	-->	X	34	29	3/27/20	K7372.05			
LAM	1/4									
LAM	LAM	-->	X	33	29	3/27/20	K7372.08			


STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
sliding door 	2610 2611 2630 2670 size tested 6068	1/8	1/8	X	<--	29	22	7/10/18	I3895.01	
		1/8	3/16							
		1/8	5/32	X	<--	33	26	7/10/18	I3895.02	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	33	26	7/10/18	I3895.03	
		1/4	1/8							
		1/8	LAM	-->	X	35	28	7/10/18	I3895.04	
		LAM	1/8							
		3/16	3/16	X	<--	31	24	7/10/18	I3895.05	
		5/32	5/32							
		3/16	1/4	X	<--	33	27	7/10/18	I3895.06	
5/32	1/4									
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	34	28	7/13/18	I3895.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	X	<--	31	26	7/10/18	I3895.08			
1/4	LAM	-->	X	34	28	7/10/18	I3895.09			
LAM	1/4									
LAM	LAM	X	<--	35	28	7/10/18	I3895.10			

STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
picture window (transom) 	261T 263T 267T size tested 6040	1/8	1/8	X	<--	28	22	8/7/18	I2132.01	
		1/8	3/16							
		1/8	5/32	X	<--	32	26	8/7/18	I2132.02	
		3/16	1/8							
		5/32	1/8							
		1/8	1/4	X	<--	33	26	7/11/18	I2132.03	
		1/4	1/8							
		1/8	LAM	-->	X	35	27	7/11/18	I2132.04	
		LAM	1/8							
		3/16	3/16	X	<--	30	25	7/11/18	I2132.05	
		5/32	5/32							
		3/16	1/4	X	<--	32	27	7/11/18	I2132.06	
5/32	1/4									
1/4	3/16									
1/4	5/32									
3/16	LAM	-->	X	35	29	7/11/18	I2132.07			
5/32	LAM									
LAM	3/16									
LAM	5/32									
1/4	1/4	X	<--	31	25	7/11/18	I2132.08			
1/4	LAM	-->	X	35	30	7/11/18	I2132.09			
LAM	1/4									
LAM	LAM	-->	X	36	28	7/11/18	I2132.10			