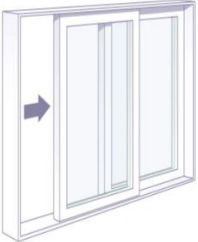


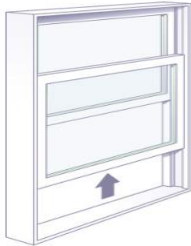
**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
horizontal slider 	1120  size tested 6040  STC 32-35	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not available	for	this	glass	combination	
		<b>1/8</b>	<b>3/16</b>							
		1/8	5/32	-	-	<b>33</b>	<b>27</b>	<b>11/3/08</b>	TL08-677	
		3/16	1/8							
		5/32	1/8							
		<b>1/8</b>	<b>1/4</b>	-	-	<b>32</b>	<b>27</b>	<b>11/03/08</b>	TL08-678	
		1/4	1/8							
		<b>1/8</b>	<b>LAM</b>	-	-	<b>35</b>	-	<b>08/04/88</b>	TL88-194	
		LAM	1/8							
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not available	for	this	glass	combination	
		5/32	5/32							
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not available	for	this	glass	combination	
5/32	1/4									
1/4	3/16									
1/4	5/32									
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination			
5/32	LAM									
LAM	3/16									
LAM	5/32									
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not available	for	this	glass	combination			
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination			
LAM	1/4									
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination			


**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number
				Intercept or Cardinal	Foam or Dura****				
operating style  	1520  size tested 4060  STC 30-30	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not availabe	for	this	glass	combination
		<b>1/8</b>	<b>3/16</b>			<b>30</b>	<b>24</b>	<b>11/4/08</b>	TL08-683
		1/8	5/32	-	-				
		3/16	1/8						
		5/32	1/8						
		<b>1/8</b>	<b>1/4</b>			<b>30</b>	<b>25</b>	<b>11/04/08</b>	TL08-682
		1/4	1/8						
		<b>1/8</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination
		LAM	1/8						
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination
		5/32	5/32						
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination
5/32	1/4								
1/4	3/16								
1/4	5/32								
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		
5/32	LAM								
LAM	3/16								
LAM	5/32								
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination		
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		
LAM	1/4								
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		

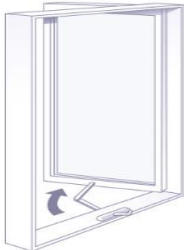
**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number	
				Intercept or Cardinal	Foam or Dura****					
operating style  	920PW  size tested 6040  STC 31-33	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not availabe	for	this	glass	combination	
		<b>1/8</b>	<b>3/16</b>							
		1/8	5/32	-	-	<b>31</b>	<b>24</b>	<b>11/03/08</b>	TL08-674	
		3/16	1/8							
		5/32	1/8							
		<b>1/8</b>	<b>1/4</b>	-	-	<b>33</b>	<b>26</b>	<b>11/03/08</b>	TL08-676	
		1/4	1/8							
		<b>1/8</b>	<b>LAM</b>	-	-	<b>33</b>	<b>27</b>	<b>11/03/08</b>	TL08-675	
		LAM	1/8							
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination	
		5/32	5/32							
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination	
		5/32	1/4							
1/4	3/16									
1/4	5/32									
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination			
5/32	LAM									
LAM	3/16									
LAM	5/32									
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination			
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination			
LAM	1/4									
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination			

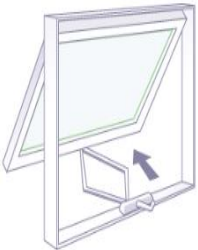
**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number
				Intercept or Cardinal	Foam or Dura****				
 <p>operating style</p>	<p>920FC</p> <p>size tested <b>3050</b></p> <p>STC 32-32</p>	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not availabe	for	this	glass	combination
		<b>1/8</b>	<b>3/16</b>			<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-679
		1/8	5/32	-	-				
		3/16	1/8						
		5/32	1/8						
		<b>1/8</b>	<b>1/4</b>	-	-	<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-681
		1/4	1/8						
		<b>1/8</b>	<b>LAM</b>	-	-	<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-680
		LAM	1/8						
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination
		5/32	5/32						
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination
		5/32	1/4						
1/4	3/16								
1/4	5/32								
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		
5/32	LAM								
LAM	3/16								
LAM	5/32								
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination		
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		
LAM	1/4								
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		


**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number		
				Intercept or Cardinal	Foam or Dura****						
 <p>operating style</p>	<p>920FA</p> <p>size tested using FC tests</p> <p>STC 32-32</p>	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not available	for	this	glass	combination		
		<b>1/8</b>	<b>3/16</b>			<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-679		
		1/8	5/32	-	-						
		3/16	1/8								
		5/32	1/8								
		<b>1/8</b>	<b>1/4</b>			-	-	<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-681
		1/4	1/8								
		<b>1/8</b>	<b>LAM</b>			-	-	<b>32</b>	<b>26</b>	<b>11/04/08</b>	TL08-680
		LAM	1/8								
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not available	for	this	glass	combination		
		5/32	5/32								
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not available	for	this	glass	combination		
		5/32	1/4								
1/4	3/16										
1/4	5/32										
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination				
5/32	LAM										
LAM	3/16										
LAM	5/32										
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not available	for	this	glass	combination				
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination				
LAM	1/4										
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not available	for	this	glass	combination				


**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number		
				Intercept or Cardinal	Foam or Dura****						
 <p>operating style</p>	<p>R-20</p> <p>size tested 47" x 59" (retangular)</p> <p>STC n/a</p>	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		<b>1/8</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		1/8	5/32								
		3/16	1/8								
				5/32	1/8	Acoustical ratings	not availabe	for	this	glass	combination
		<b>1/8</b>	<b>1/4</b>								
		1/4	1/8	Acoustical ratings	not availabe	for	this	glass	combination		
		<b>1/8</b>	<b>LAM</b>								
		LAM	1/8	Acoustical ratings	not availabe	for	this	glass	combination		
		<b>3/16</b>	<b>3/16</b>								
		5/32	5/32	Acoustical ratings	not availabe	for	this	glass	combination		
		<b>3/16</b>	<b>1/4</b>								
5/32	1/4										
1/4	3/16										
1/4	5/32	Acoustical ratings	not availabe	for	this	glass	combination				
<b>3/16</b>	<b>LAM</b>										
5/32	LAM										
LAM	3/16	Acoustical ratings	not availabe	for	this	glass	combination				
LAM	5/32										
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination				
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination				
LAM	1/4	Acoustical ratings	not availabe	for	this	glass	combination				
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination				

**Acoustical Ratings**

Updated : 10/16/23

Operating Style	Series Numbers	Glass 1	Glass 2	Spacer		STC	OITC	Test Date	Test Number		
				Intercept or Cardinal	Foam or Dura****						
operating style 	420  size tested 79" x 79"  STC n/a	<b>1/8</b>	<b>1/8</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		<b>1/8</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		1/8	5/32								
		3/16	1/8								
				5/32	1/8						
		<b>1/8</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		1/4	1/8								
		<b>1/8</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		LAM	1/8								
		<b>3/16</b>	<b>3/16</b>	Acoustical ratings	not availabe	for	this	glass	combination		
		5/32	5/32								
		<b>3/16</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination		
5/32	1/4										
1/4	3/16										
1/4	5/32										
<b>3/16</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination				
5/32	LAM										
LAM	3/16										
LAM	5/32										
<b>1/4</b>	<b>1/4</b>	Acoustical ratings	not availabe	for	this	glass	combination				
<b>1/4</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination				
LAM	1/4										
<b>LAM</b>	<b>LAM</b>	Acoustical ratings	not availabe	for	this	glass	combination				