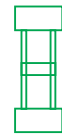
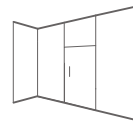
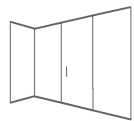
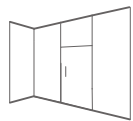
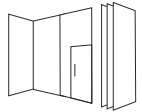

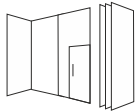
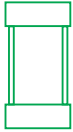
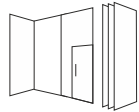
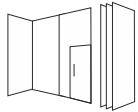


**OPTIMAL POLAND** ściany stałe, aluminiowo szklane



$R_w$	Optima <b>office 30 fire</b> Optima <b>office 30</b>	Optima <b>office 100 fire</b> Optima <b>office 100</b>	Optima <b>office 80</b>	Optima <b>80 loft line fire</b> Optima <b>80 loft line</b>
50 dB				Optima <b>80 loft line</b> 50
49 dB				Optima <b>80 loft line</b> 49
48 dB		Optima <b>office 100 fire</b> 48 Optima <b>office 100</b> 48		Optima <b>80 loft line</b> 48
47 dB		Optima <b>office 100 fire</b> 47	Optima <b>office 80</b> 47	
46 dB		Optima <b>office 100 fire</b> 46 Optima <b>office 100</b> 46		
45 dB		Optima <b>office 100</b> 45		Optima <b>80 loft line fire</b> 45
44 dB		Optima <b>office 100</b> 44	Optima <b>office 80</b> 44	
43 dB				Optima <b>80 loft line</b> 43
41 dB	Optima <b>office 30 fire</b> 41			
39 dB	Optima <b>office 30</b> 39			
38 dB	Optima <b>office 30</b> 38			
37 dB	Optima <b>office 30 fire</b> 37 Optima <b>office 30</b> 37			

**OPTIMAL POLAND** ściany przesuwne

	 	 	 130 mm	 110 i 130 mm
$R_w$	Optima <b>50</b> Optima <b>50 glass</b>	Optima <b>110</b>	Optima <b>110 plus</b> Optima <b>110 plus fire</b> Optima <b>110 plus glass</b>	Optima <b>110 sky</b> Optima <b>110 sky plus</b> ściany wysokie (11m)
54 dB			Optima <b>110 plus</b> 54 ⓘ	Optima <b>110 sky plus</b> 54 ⓘ
50 dB		Optima <b>110</b> 50 ⓘ	Optima <b>110 plus glass</b> 50 ⓘ Optima <b>110 plus fire</b> 52 ⓘ 🔥	Optima <b>110 sky</b> 50 ⓘ
48 dB				
47 dB		Optima <b>110</b> 47 ⓘ	Optima <b>110 plus</b> 47 ⓘ	Optima <b>110 sky</b> 47 ⓘ
46 dB		Optima <b>110</b> 46 ⓘ	Optima <b>110 plus</b> 46 ⓘ	Optima <b>110 sky</b> 46 ⓘ
42 dB		Optima <b>110</b> 45 ⓘ		Optima <b>110 sky</b> 42 ⓘ
33 dB	Optima <b>50 glass</b>			
32 dB	Optima <b>50 light</b>			