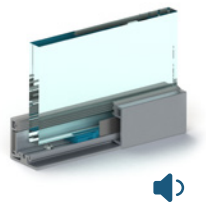
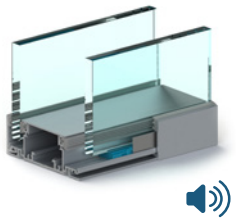
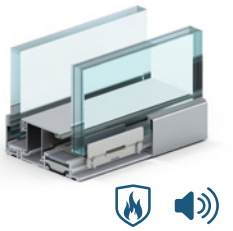
GSW Office

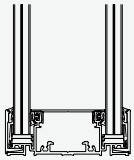
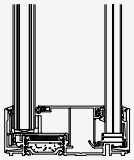
Technical specification
Acoustic parameters

AS.2021.VI.EN



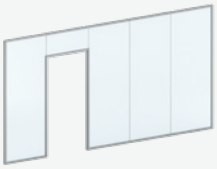
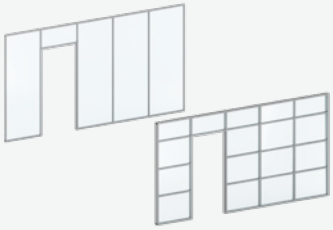
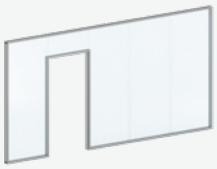
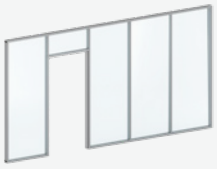
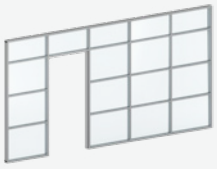
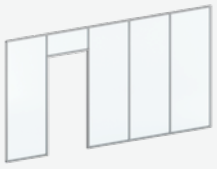
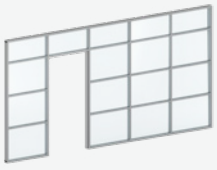




		GSW Office	GSW Office Plus	GSW Office FR	GSW Office Plus FR
bezszprosowe	Typical use	Offices	Offices	Offices	Offices
	Category of use*	III / IV	IV	IV	IV
	Max. height (mm)	3200 / 3400	3400	3000	3200
	Type of glass	ESG 10, 12 VSG 55.X, 66.X, 88.2, 106.2	ESG 10, 12 VSG 55.X, 66.X, 88.2	Contraflam Structure 30 Pyrobel 16 VL, 16 EG VL, 25 VL	Pyrobel 16 VL, 16 EG VL, 25 VL, VSG 55.X, 66.X, 88.2
	Acoustic characteristics	R_W = 33 ÷ 41 dB R_{A1} = 31 ÷ 40 dB	R_W = 41 ÷ 52 dB R_{A1} = 39 ÷ 50 dB	R_W = 38 ÷ 42 dB R_{A1} = 36 ÷ 41 dB	R_W = 47 ÷ 53 dB R_{A1} = 46 ÷ 51 dB
	Fire resistance	-	-	EI 15 / EI 30 / EI 60	EI 30 / EI 60
szprosowe	Max. height (mm)	3400	4000	2800 / 3000	on request
	Type of glass	ESG 10, 12 VSG 55.X, 66.X, 88.2	ESG 8, 10, 12 VSG 44.X, 55.X, 66.X, 88.2	Contraflam 30 Pyrobel 16, 16 EG	
	Acoustic characteristics	R_W = 36 ÷ 41 dB R_{A1} = 35 ÷ 40 dB	R_W = 47 ÷ 56 dB R_{A1} = 44 ÷ 54 dB	R_W = 39 ÷ 41 dB R_{A1} = 38 ÷ 40 dB	
	Fire resistance	-	-	EI 30	
	Approval	CE / ETA	CE / ETA	CE / ETA	CE / ETA
	Section				
	QR code with a link to the product gallery				

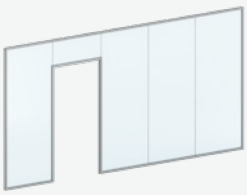
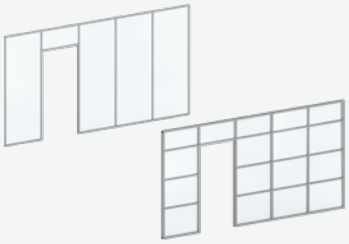
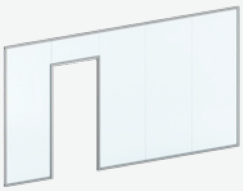
*according to EAD 210005-00-0505

Acoustic parameters of GSW Office systems

System			Visualization	Glass	Variant	Acoustic parameters	
						R_w	R_{A1}
GSW Office	glass wall	GSW Office		ESG 10		33 dB	31 dB
				VSG 55.1		35 dB	33 dB
				VSG 66.2		37 dB	35 dB
				VSG 66.2 Si*		39 dB	38 dB
				VSG 88.2 Si*		40 dB	39 dB
				VSG 106.2 Si*		41 dB	40 dB
	muntin wall	GSW Office Grid V / VH		VSG 55.1		36 dB	35 dB
				VSG 66.2		37 dB	36 dB
				VSG 66.2 Si*		40 dB	39 dB
				VSG 88.2 Si*		41 dB	40 dB
GSW Office Plus	glass wall	GSW Office Plus		ESG 10 + ESG 10		41 dB	39 dB
				VSG 55.1 + VSG 55.1		41 dB	39 dB
				ESG 10 + VSG 55.1		43 dB	42 dB
				VSG 55.1 + VSG 66.2		44 dB	42 dB
				VSG 66.2 + VSG 66.2		44 dB	43 dB
				VSG 66.2 Si* + VSG 55.1		45 dB	43 dB
				VSG 66.2 Si* + VSG 55.2 Si*		47 dB	45 dB
				VSG 66.2 Si* + VSG 66.2 Si*		48 dB	47 dB
				VSG 66.2 Si* + VSG 66.2 Si*	Akustic	52 dB	50 dB
				VSG 88.2 Si* + VSG 88.2 Si*		51 dB	50 dB
	muntin wall	GSW Office Plus endoGrid V		VSG 66.2 + VSG 66.2		49 dB	46 dB
				VSG 66.2 Si* + VSG 66.2 Si*		52 dB	49 dB
				VSG 66.2 Si* + VSG 66.2 Si*	Akustic	56 dB	53 dB
		GSW Office Plus endoGrid VH		VSG 66.2 + VSG 66.2		53 dB	51 dB
				VSG 66.2 Si* + VSG 66.2 Si*		56 dB	54 dB
		GSW Office Plus egzoGrid V		VSG 44.1 + VSG 55.1		47 dB	44 dB
				VSG 66.2 Si* + VSG 66.2 Si*		51 dB	50 dB
		GSW Office Plus egzoGrid VH		VSG 44.1 + VSG 55.1		50 dB	48 dB
				VSG 66.2 Si* + VSG 66.2 Si*		53 dB	52 dB

*Si - Saint-Gobain Glass Stadip Silence

Acoustic parameters of GSW Office FR systems

System			Visualization	Glass	Variant	Acoustic parameters	
						R_w	R_{A1}
GSW Office FR	glass wall	GSW Office FR		Vetrotech Contraflam Structure Lite 30	EI 15	38 dB	36 dB
				Vetrotech Contraflam Structure 30	EI 30	40 dB	38 dB
				Vetrotech Contraflam Structure 30 Silence	EI 30	42 dB	41 dB
				AGC Pyrobel 16 VL	EI 30	38 dB	37 dB
				AGC Pyrobel 16 EG VL	EI 30	40 dB	39 dB
				AGC Pyrobel 16 EG St** VL	EI 30	41 dB	40 dB
				AGC Pyrobel 25 VL	EI 60	42 dB	40 dB
	muntin wall	GSW Office FR Grid V / VH		Vetrotech Contraflam 30	EI 30	39 dB	38 dB
				Vetrotech Contraflam 30 Silence	EI 30	41 dB	40 dB
				AGC Pyrobel 16	EI 30	40 dB	39 dB
				AGC Pyrobel 16 EG St**	EI 30	41 dB	40 dB
GSW Office Plus FR	glass wall	GSW Office Plus FR		AGC Pyrobel 16 VL + VSG 55.1	EI 30	47 dB	46 dB
				AGC Pyrobel 16 VL + VSG 66.2 Si*	EI 30	49 dB	48 dB
				AGC Pyrobel 16 VL + VSG 88.2 Si*	EI 30	50 dB	49 dB
				AGC Pyrobel 16 VL EG + VSG 88.2 Si*	EI 30	51 dB	50 dB
				AGC Pyrobel 16 VL EG St** + VSG 88.2 Si*	EI 30	53 dB	51 dB
				AGC Pyrobel 25 VL + VSG 66.2 Si*	EI 60	51 dB	50 dB
	muntin wall	GSW Office Plus FR endoGrid	on request				
		GSW Office Plus FR egzoGrid	on request				

*Si - Saint-Gobain Glass Stadip Silence
**St - Stratophone

Acoustic parameters of GSW Office doors

System		Visualization	Variant	Type of filling	Acoustic parameters	
					R_w	R_{A1}
GSW Office doors	Glass door		-	ESG 8 (w/o drop-down seal)	24 dB	24 dB
			-	ESG 8	32 dB	31 dB
			-	ESG 10	33 dB	31 dB
	Urban Slim door		-	VSG 44.1	35 dB	34 dB
			IsoSound	VSG 44.1	36 dB	35 dB
			-	VSG 44.2 Si*	37 dB	37 dB
			IsoSound	VSG 44.2 Si*	38 dB	37 dB
			IsoSound	VSG 55.1	37 dB	36 dB
			IsoSound	VSG 55.2 Si*	39 dB	38 dB
	Urban Plus door		-	VSG 44.1	35 dB	34 dB
			-	VSG 44.2 Si*	38 dB	37 dB
			-	VSG 55.2 Si*	39 dB	38 dB
			-	VSG 33.1 + VSG 33.1	39 dB	37 dB
			-	VSG 33.1 + VSG 44.2 Si*	41 dB	40 dB
			-	VSG 44.2 Si + VSG 44.2 Si*	43 dB	42 dB
	Purian door		-	ESG 4 + ESG 6	36 dB	35 dB
			-	ESG 4 + VSG 44.2 Si*	40 dB	39 dB
			Akustic	ESG 4 + VSG 44.2 Si*	42 dB	40 dB
			non-transparent varnished	ESG 4 + VSG 44.2 Si*	43 dB	42 dB
	Wooden door		glazed 34 mm	VSG 44.1	33 dB	32 dB
			glazed 34 mm	VSG 55.2 Si*	37 dB	36 dB
			solid 34 mm	Homalight D	29 dB	25 dB
			solid 48 mm	Sauerland 33 VL	38 dB	37 dB
			solid Alu 48 mm	Sauerland 33 VL	39 dB	38 dB
			solid 48 mm	Sauerland 39S3R	41 dB	40 dB

*Si - Saint-Gobain Glass Stadip Silence