



C3S Securiglass
glazing for life

C3S
Corporate Safety and Security Systems



standards

Safety Glass & Glazing

Reference	Title	Subject
BS 6206:1981	Specification for impact performance requirements, for flat safety glass, and safety plastics, for use in buildings	Current safety standards for laminated, toughened glass and other safety glasses
BS 6262-1:2005	Glazing for buildings	General methodology for the selection of glazing
BS 6262-2:2005	Glazing for buildings	Code of practice for energy, light and sound
BS 6262-3:2005	Glazing for buildings	Code of practice for fire, security and wind loading
BS 6262-4:2005	Glazing for buildings	Code of practice for safety relating to human impact
BS EN 12600: 2002	Glass in buildings, pendulum test	Impact test method and classification for flat glass

Fire Resistant & Smoke Control Glass & Glazing

Reference	Title	Subject
BS 476-22: 1987	Fire tests on building materials and structures	Methods for determination of the fire resistance of non-load bearing elements of construction
BS 5588-12: 2004	Fire precautions in the design construction and use in buildings	Managing fire safety
BS 7346-3,6: 1990	Components for smoke and heat control systems	Specification for smoke curtains
BS EN 2101-1: 2005	Smoke and heat control system	Specification for smoke barriers (curtains)

Physical Attack Resistant Glass & Glazing

Reference	Title	Subject
BS 5544: 1978	Specification for anti-bandit glazing	Glazing resistant to manual attack
BS 5357: 1995	Code of practice for installation of security glazing	
BS EN 356: 2000	Glass in building, security glazing	Testing and classification of resistance against manual attack

Ballistic Attack Resistant Glass & Glazing

Reference	Title	Subject
BS 5051-1: 1998	Bullet resistant glazing	Specification for glazing for interior use.
BS 5357: 1995	Code of practice for installation of security glazing	
BS EN 1063: 2000	Glass in building	Security glazing. Testing of resistance against bullet attack

Explosion Resistant Glass & Glazing

Reference	Title	Subject
BS EN 13541: 2001	Glass in building	Security glazing. Testing and classification of resistance against explosion pressure



pyrobel

Fire Resistant Glass - Insulation & Integrity**

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²	Sound Reduction ISO 717 Rw Index
60 min integrity/30 min. insulation					
PYR 16	PYROBEL EI 30/16	16	3210 x 2250	40	39dB
PYR 16 EXT	PYROBEL EI 30/16 EXTERNAL	20	3210 x 2250	48	40dB
60 min integrity/60 min. insulation					
PYR 25	PYROBEL EI 60/25	25	3210 x 2250	60	42dB
PYR 25 EXT	PYROBEL EI 60/25 EXTERNAL	29	3210 x 2250	68	43dB
90 min integrity/90 min. insulation					
PYR 35 [†]	PYROBEL EI 90/90	35	3210 x 2250	80	43dB
PYR 35 EXT [†]	PYROBEL EI 90/90 EXTERNAL	35	3210 x 2250	88	44dB
120 min integrity/120 min. insulation					
PYR 52 [†]	PYROBEL EI 120/52	52	3210 x 2250	120	46dB
PYR 52 EXT [†]	PYROBEL EI 120/52 EXTERNAL	56	3210 x 2250	128	47dB

E = Indicates stability I = Indicates insulation

[†]Available upon request

pyrobelite

Fire Resistant Glass - Integrity & Low Radiation**

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²	Sound Reduction ISO 717 Rw Index
30 min integrity/low radiation					
PYR/LITE 7	PYROBELITE EW 30/7	7	3210 x 2250	17	35dB
PYR/LITE 7E	PYROBELITE EW 30/7 EXTERNAL	11	3210 x 2250	25	36dB
60 min integrity/low radiation					
PYR/LITE 12	PYROBELITE EW 60/12	12	3210 x 2250	27	38dB

E = Indicates stability W = Indicates radiation

pyrocet

Fire Resistant Glass, Non Wired - Integrity Only ***

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²	Sound Reduction ISO 717 Rwa Index
30 minute integrity					
P/CET	PYROCET in timber doors & frames	6	3200 x 2000	15	33dB
P/CET	PYROCET in steel doors & frames	6	3200 x 2000	15	33dB
60 minute integrity					
P/CET	PYROCET in steel doors & frames	6	3200 x 2000	15	33dB
90 minute integrity					
P/CET	PYROCET in steel doors & frames	6	3200 x 2000	15	33dB

* Please consult our sales office for latest updated information regarding the latest tested sizes glazing sizes. *** These products are manufactured to size and cannot be cut after production ** Please consult our sales office for field of application report, giving permitted **** Other thicknesses 8mm, 10mm, 12mm and 19mm also available



C3S Securiglass can supply cut-to-size in as little as 24

pyroshield safety

Fire Resistant Glass, Wired - Integrity Only

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
	30 minute integrity			
P/SHIELD-S	Pyroshield 30/0 Clear	6	3300 x 1985	16
P/SHIELD-TX	Pyroshield 30/0 Textured	6	3500 x 1965	16
	60 minute integrity			
P/SHIELD-S	Pyroshield 60/0 Clear	6	3300 x 1985	16
P/SHIELD-TX	Pyroshield 60/0 Textured	6	3500 x 1985	16

firelite

Fire Resistant Glass - Integrity Only

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
FIRELITE	FIRELITE 30/0 - 240/0	5	1220 x 2438	15

pyrosec

Fire Resistant and Security Glass - Integrity Only ***

Type	Description	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
PYROSEC	PYROSEC 30/0	19	Manufactured to order	48
PYROSEC	PYROSEC 60/0	19	Manufactured to order	48

smokestream

Glazed Smoke Curtains ***

Type	Description	Thickness (mm)****	Max. Stock Sheet Size (mm)*	Kg/m ²
SMOKESTREAM	PYROCET Pre-drilled with two, three or four holes depending on panel size	6	3200 x 2000	15



Contact our sales office on:

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any of its range of stocked glasses
4 hours

safety glass

Laminated 3 Ply Glasses

Type	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
4/1S	4.4	2140 x 1605	11
6/1S	6.4	3210 x 2500	16
6/1ST (2165)	6.4 White	3210 x 2000	16
6/1ST (3628)	6.4 Bronze Tint	3210 x 2000	16
6/1ST (3655)	6.4 Bronze Tint	3210 x 2000	16
6/1ST (6544)	6.4 Bronze Tint	3210 x 2000	16
6/2S	6.8	3210 x 2500	17
8/2S	8.8	3210 x 2500	22
10/2S	10.8	3210 x 2500	27
12/2S	12.8	3210 x 2500	32

physical attack resistant glass

Laminated 3 & 5 Ply Glasses

Type	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
6/4PAR	7.5	3210 x 2500	19
8/4PAR	9.5	3210 x 2500	23
9/6PAR	11.3	3210 x 2000	28
10/4PAR	11.5	3210 x 2500*	29
HP115PAR R/S	11.5	2000 x 1605	29
12/4PAR	13.5	3210 x 2500	34
18/8PAR	21	3210 x 2500	53

* 4500 x 2500 available upon request

ballistic attack resistant glass

Multi-Laminate Glasses

Type	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
HP22BAR	23	Please consult the C3S Securiglass sales office for larger sizes. Normal stock size 2000 x 1605	58
HP32BAR	32		80
HP36BAR	36		90
HP42BAR	42		105
HP50BAR	50		125

security glass

One Way Observation Glass

Type	Thickness (mm)	Max. Stock Sheet Size (mm)*	Kg/m ²
7/1PAR	7.4	3210 X 2000	19



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