Pyroguard

TECHNICAL FIRE SAFETY GROUP

TECHNICAL SPECIFICATION OVERVIEW

PRODUCT RANGE	PRODUCT CODE	FIRE CLASSIFICATION	TYPE	THICKNESS (mm)	FIRE SIDE	IGU OPTION	LAMINATED OPTION	FRAME	TOUGHENED / CUTTABLE	IMPACT CLASS.	SOUND RED. (dB)	LIGHT TRANS. (%)	U VALUE ($W/m^2 K$)	TEMP RANGE	WEIGHT (kg/m^2)
Pyrostem	Pyrostem	E30/60/E90	Wired	7	Double	DGU	No	steel, timber	Cuttable	3B3	32	87	5.7	±100°C	18
Pyroguard Firesafe	T-E30/6	E30	Monolithic	6	Double	DGU	Yes	steel, timber	Toughened	1C1	32 (-1;-2)	90	5.7	±100°C	15
	T-E30/8	E30	Monolithic	8	Double	DGU	Yes	steel, timber	Toughened	1C1	33 (-1;-2)	90	5.6	±100°C	20
	T-E30/10	E30	Monolithic	10	Double	DGU	Yes	steel	Toughened	1C1	35 (-1;-2)	89	5.6	±100°C	25
	T-E30/12	E30	Monolithic	12	Double	DGU	Yes	steel	Toughened	1C1	35	89	5.5	±100°C	30
	T-E30/19	E30	Monolithic	19	Double	DGU	Yes	steel	Toughened	1C1	ND	87	5.3	±100°C	48
	T-EW30/6	EW30	Monolithic	6	Single / Double	DGU/TGU	Yes	steel, timber	Toughened	1C1	32 (-1;-2)	81	3.6	±100°C	15
	T-EW60/6	EW60	Monolithic	6	Single / Double	DGU/TGU	Yes	steel, timber	Toughened	1C1	32 (-1;-2)	81	3.6	±100°C	15
Pyroguard Rapide	EW30 Impact	EW30	Interlayer	7	Double	DGU	No	steel, timber	Cuttable	2B2	33 (-2;-3)	90	5.1	-20/+100°C	17
	EW30 Maxi	EW30	Interlayer	11	Double	DGU	No	steel, timber, aluminium	Cuttable	2B2	35 (-1;-3)	88	5.1	-20/+100°C	27
	EW30 Maxi Impact	EW30	Interlayer	11	Double	DGU	No	steel, timber, aluminium	Cuttable	1B1	35 (-1;-3)	88	5.1	-20/+100°C	27
	EW60	EW60	Interlayer	11	Double	DGU	No	steel, timber	Cuttable	2B2	35 (-1;-3)	88	5.1	-20/+100°C	27
	FD60	E60†	Interlayer	9	Double	N/A	No	GDC	Cuttable	3B3	33	90	5.1	-20/+100°C	22
Pyroguard Rapide Plus	EI30 INT	E60‡ /EI30	Interlayer	15	Double	DGU	No	steel, timber, aluminium	Cuttable	1B1	38 (-1;-3)	85	5.4	-40/+50°C	35
	EI30 EXT	E60‡ /EI30	Interlayer	19	Double	DGU	No	steel, timber, aluminium	Cuttable	1B1	39 (-1;-3)	84	5.3	-40/+50°C	42
	EI60 INT	EI60	Interlayer	23	Double	DGU	No	steel, timber, aluminium	Cuttable	1B1	43 (-1;-3)	82	5.2	-40/+50°C	58
	EI60 EXT	EI60	Interlayer	27	Double	DGU	No	steel, timber, aluminium	Cuttable	1B1	44 (-3;-3)	81	5.1	-40/+50°C	62
Pyroguard Protect	T-EW30/13-1*	EW30; EI20; A2-s1, d0	Interlayer	13	Double	DGU/TGU	Yes ‡	steel, timber, aluminium	Toughened	1B1	37 (-1;-2)	88	5.5	-10/+45°C	30
	T-EW60/13-1*	EW60; EI20; A2-s1, d0	Interlayer	13	Double	DGU/TGU	Yes ‡	steel, timber, aluminium	Toughened	1B1	37 (-1;-2)	88	5.5	-10/+45°C	30
	T-EW90/13-1*	EW90; EI20; A2-s1, d0	Interlayer	13	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	37 (-1;-2)	88	5.5	-10/+45°C	30
	T-EW120/13-1*	EW120; EI20; A2-s1, d0	Interlayer	13	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	37 (-1;-2)	88	5.5	-10/+45°C	30
	T-EI30/18-2*	EI30; A2-s1, d0	Interlayer	18	Double	DGU/TGU	Yes ‡	steel, timber, aluminium	Toughened	1B1	40 (-2;-3)	82	5.3	-10/+45°C	39
	T-EI60/25-3*	EI60; A2-s1, d0	Interlayer	25	Double	DGU/TGU	Yes ‡	steel, timber, aluminium	Toughened	1B1	42 (-2;-3)	80	5.1	-10/+45°C	54
	T-EI60/26-2*	EI60, A2-s1, d0	Interlayer	26	Double	DGU/TGU	Yes ‡	timber	Toughened	1B1	41	80	5.1	-10/+45°C	55
	T-EI90/32-2*	EI90; A2-s1, d0	Interlayer	32	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	43 (-2;-3)	80	5.0	-10/+45°C	66
	T-EI90/40-3*	EI90; A2-s1, d0	Interlayer	40	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	44 (-2;-2)	82	ND	-10/+45°C	82
	T-EI120/47-3*	EI120; A2-s1, d0	Interlayer	47	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	46 (-1;-2)	72	4.6	-10/+45°C	96
	T-EI120/52-4*	EI120; A2-s1, d0	Interlayer	52	Double	DGU/TGU	Yes ‡	steel, timber	Toughened	1B1	44 (-2,-1)	71	4.5	-10/+45°C	106
	T-EI180/82-5*	EI180; A2-s1, d0	Interlayer	82	Double	DGU/TGU	Yes ‡	steel	Toughened	1B1	ND	ND	ND	-10/+45°C	180
Pyroguard Advance	2-EW30/7-1	EW30; A2-s1, d0	Interlayer	7	Double	DGU/TGU	Yes ‡	steel, timber, composite	Cuttable	3B3	34 (-1;-4)	89	5.7	-50/+50°C	17
	2-EW30/8-1	EW30; A2-s1, d0	Interlayer	8	Double	DGU/TGU	Yes ‡	steel, timber, composite	Cuttable	3B3	ND	89	5.6	-50/+50°C	17
	2-EW30/9-1	EW30; A2-s1, d0	Interlayer	9	Double	DGU/TGU	Yes ‡	steel, timber, composite	Cuttable	2B2	ND	89	5.6	-50/+50°C	22
	2-EW30/11-2	EW30; EI15; A2-s1, d0	Interlayer	11	Double	DGU/TGU	Yes ‡	steel, timber	Cuttable	2B2	37 (-1;-3)	84	5.5	-50/+50°C	21
	2-EW60/11-2	EW60; EI15; A2-s1, d0	Interlayer	11	Double	DGU/TGU	Yes ‡	steel, timber	Cuttable	2B2	37 (-1;-3)	84	5.5	-50/+50°C	21
	2-FD60/7-1	E60‡; A2-s1, d0	Interlayer	7	Double	DGU/TGU	Yes ‡	timber	Cuttable	3B3	34 (-1;-4)	89	5.7	-50/+50°C	17
	2-FD60/11-1	E60‡; A2-s1, d0	Interlayer	11	Double	DGU/TGU	Yes ‡	timber	Cuttable	2B2	36 (-3;-3)	87	ND	-50/+50°C	26
Pyroguard Balustrades	T-EW/19-1*	A2-s1, d0	Interlayer	19	Double	N/A	N/A	N/A	Toughened	1B1	39 (-4;-4)	86	ND	-10/+80°C	44
	T-EW/23-1*	A2-s1, d0	Interlayer	23	Double	N/A	N/A	N/A	Toughened	1B1	39 (-3;-4)	85	ND	-10/+80°C	54
	T-EW/25-1*	A2-s1, d0	Interlayer	25	Double	N/A	N/A	N/A	Toughened	1B1	39 (-3;-3)	84	ND	-10/+80°C	59
	T-EW/27-1*	A2-s1, d0	Interlayer	27	Double	N/A	N/A	N/A	Toughened	1B1	39 (-2;-3)	ND	ND	-10/+80°C	64
	T-EW/33-1*	A2-s1, d0	Interlayer	33	Double	N/A	N/A	N/A	Toughened	1B1	ND	ND	ND	-10/+80°C	79
Pyroguard Infinity	T-EW60/24-2 SWS*	EW60; A2-s1, d0	Butt joint	24	Double	DGU ‡	Yes ‡	timber	Toughened	1B1	42 (-3;-3)	81	5.2	-10/+45°C	52
	T-EI30/24-2 SWS*	EI30; A2-s1, d0	Butt joint	24	Double	DGU ‡	Yes ‡	steel, timber, aluminium	Toughened	1B1	42 (-3;-3)	81	5.2	-10/+45°C	52
	T-EI30/32-2 SWS*	EI30; A2-s1, d0	Butt joint	32	Double	DGU ‡	Yes ‡	steel, timber	Toughened	1B1	42 (-1;-2)	80	5.0	-10/+45°C	72
	T-EI60/32-2 SWS*	EI60; A2-s1, d0	Butt joint	32	Double	DGU ‡	Yes ‡	timber	Toughened	1B1	42 (-1;-2)	80	5.0	-10/+45°C	72
	T-EI60/36-3 SWS*	EI60; A2-s1, d0	Butt joint	36	Double	DGU ‡	Yes ‡	steel, timber	Toughened	1B1	44 (-2;-2)	76	4.9	-10/+45°C	78
	T-EI90/36-3 SWS*	EI90; A2-s1, d0	Butt joint	36	Double	DGU ‡	Yes ‡	steel	Toughened	1B1	44 (-2;-2)	76	4.9	-10/+45°C	78
	T-EI90/47-3 SWS*	EI90; A2-s1, d0	Butt joint	47	Double	DGU ‡	Yes ‡	steel	Toughened	1B1	46 (-1;-2)	72	4.6	-10/+45°C	96
	EI30 INT SWS	EI30/EW60	Butt joint	15	Double	DGU ‡	Yes ‡	steel, timber, aluminium	Cuttable	1B1	38 (-1;-3)	85	5.4	-40/+50°C	35
	EI30 EXT SWS	EI30/EW60	Butt joint	19	Double	DGU ‡	Yes ‡	steel, timber	Cuttable	1B1	39 (-1;-3)	84	5.3	-40/+50°C	42
	EI60 INT SWS	EI60	Butt joint	23	Double	DGU ‡	Yes ‡	steel, timber	Cuttable	1B1	43 (-1;-3)	82	5.2	-40/+50°C	58
	EI60 EXT SWS	EI60	Butt joint	27	Double	DGU ‡	Yes ‡	steel, timber	Cuttable	1B1	44 (-3;-3)	81	5.1	-40/+50°C	62