



# Pyroguard EN Evidence Representation



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Product Overview

Product Name	Thickness (mm)	Impact Rating	Sound Reduction (dB)	Light Transmission (%)	Stock Sheet size (w x h)	Area per sheet (m <sup>2</sup> )	Sheet Weight	End cap quantity
<b>EW Products</b>								
Pyroguard EW 30	7mm	3B3	31	87	1580 x 2780	4.39	75	20
					1580 x 2530		68	
					1580 x 2230		60	
Pyroguard EW 30 Impact	7mm	2B2	31	87	1580 x 2780	4.39	75	20
Pyroguard EW 30 Maxi	11mm	2B2	33	85	1580 x 2780	4.39	117	13
Pyroguard EW 60	11mm	2B2	33	85	1580 x 2780	4.39	117	13
<b>EI Products</b>								
Pyroguard EI 30 INT	15mm	1B1	38	85	2150 x 3100	6.60	248	12
Pyroguard EI 30 EXT	19mm	1B1	39	84	2150 x 3100	6.60	330	9
Pyroguard EI 60 INT	23mm	1B1	40	82	2150 x 3100	6.60	380	8
Pyroguard EI 60 EXT	27mm	1B1	42	81	2150 x 3100	6.60	408	6

This document visually represents all of the up-to-date test evidence that CGI International own for its Pyroguard range of fire-rated glasses. All of the test evidence complies with BS EN 1364 and BS EN 1634. This document should be used as a quick glance manual to CGI test evidence and where more information is required please contact CGI International directly.

If you have any questions please ask a CGI International member of staff by phone on +44 (0)1942 710 720. Alternatively, please contact CGI via email on [pyroguard@cgii.co.uk](mailto:pyroguard@cgii.co.uk)

## Contents

Timber Screen	30	Pyroguard EW 30 / Pyroguard EW 30 Impact	softwood	hardwood	880 x 2750	2.2	3
			softwood	hardwood	1000 x 2500	2.5	3
			hardwood	hardwood	1100 x 2200	2.42	3
			softwood	hardwood	2750 x 886	2.2	3
Timber Doors	30	Pyroguard EW 30 Maxi	hardwood	hardwood	1575 x 2100	3.31	3
			softwood	hardwood	700 x 890	0.62	4
			softwood	hardwood	710 x 1725	1.22	4
			softwood	hardwood	720 x 1735	1.24	4
Steel Screen	30	Pyroguard Maxi 30			660 x 3000	1.98	6
					1440 x 2400	3.46	6
					840 x 1690	1.42	6
					900 x 1210	1.09	6
Timber Screen	60	Pyroguard 60	hardwood	hardwood	550 x 2200	1.21	7
					600 x 2400	1.44	7
					800 x 2500	2	8
					1200 x 2000	2.4	8
Steel Screen - IGU	30	Pyroguard Impact 30	hardwood	hardwood	1540 x 2200	3.08	8
			hardwood	hardwood	1400 x 2100	2.94	8
					780 x 2400	1.87	9
					979 x 2100	1.71	9
Timber Screen - IGU	60	Pyroguard 60	hardwood	hardwood	600 x 2400	1.32	9
					650 x 2000	1.3	9
					700 x 890	0.62	10

Type d'Application	durée de test (min)	Produit	Type de Cadre	Type de Pare-chose	Dimensions (Max) (HxLxHaut)	Surface (Max) (M <sup>2</sup> )	Page	PV		
Structure bois	30	PYROGUARD EW 30 / PYROGUARD EW 30 IMPACT	bois tendre	bois dur	880 x 2750	2,2	3	EFFECTIS 10-A-082		
								CHILTERN 10120		
								CHILTERN 09040		
								CHILTERN F10070		
Porte bois	30	PYROGUARD EW 30 MAXI	bois tendre	bois dur	1575 x 2100	3,31	3	EFFECTIS 07-V-204		
								700 x 890	0,62	CHILTERN 09134
										CHILTERN 10120
Structure acier	30	PYROGUARD EW 30 / PYROGUARD EW 30 IMPACT	bois tendre	bois dur	710 x 1725	1,22	4	CHILTERN 10120		
								660 x 3000	1,98	EFFECTIS 06-V-252
										1440 x 2400
								BRE 212059		
Structure bois	60	PYROGUARD EW 60	bois dur	bois dur	550 x 2200	1,21	7	EFFECTIS 05-V-254		
								600 x 2400	1,44	EFFECTIS 05-V-254
										800 x 2500
								EFFECTIS 07-V-250		
Structure bois double vitrage (IGU)	30	PYROGUARD EW 30 / PYROGUARD EW 30 IMPACT	bois tendre	bois dur	1200 x 2000	2,4	8	EFFECTIS 06-V-392		
								1540 x 2200	3,08	EFFECTIS 06-V-392
										1400 x 2100
								EFFECTIS 08-V-457		
Structure bois - IGU	60	PYROGUARD EW 60	bois dur	bois dur	780 x 2400	1,87	9	EFFECTIS 07-V-249		
								979 x 2100	1,71	EFFECTIS 06-V-010
										600 x 2400
								EFFECTIS 08-V-300		
Porte bois double vitrage IGU	30	PYROGUARD EW 30 / PYROGUARD EW 30 IMPACT	bois tendre	bois dur	700 x 890	0,62	10	CHILTERN 09134		

PYROGUARD EI 30 COUPE FEU

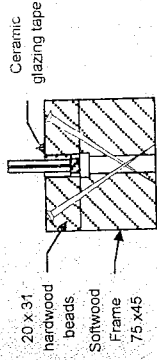
Type d'Application	Durée du test (min)	Produit	Type de Cadre	Type de Pare close	Epaisseur (mm)	Dimensions Max (larg x haut)	Surface Max, m2	Page	PV
Structure bois	30	PYROGUARD EI 30 INT	bois tendre	bois dur	15	1200x2000	2,40	11	BWF 180419
						789x2000	1,58		
						789x837	0,66		
						1200x837	1,00		
Structure bois	30	PYROGUARD EI 30 INT	bois tendre	bois dur	15	1220x2970	3,62	12	IFT ROSENHEIM
						2840x790	2,24		
						739x674	0,50		
						730x798	0,58		
Structure acier	30	PYROGUARD EI 30 INT PYROGUARD EI 30 INT PYROGUARD EI 30 EXT PYROGUARD EI 30 EXT	FORSTER FUEGO LIGHT 30		15 16 19 20	2000x2840	3,46	13	EFFECTIS 09-A-499B
						2500x1500	3,75		
						1270x1268	1,60		
						1500x273	0,66		
Structure acier IGU	30	PYROGUARD EI 30 INT	FORSTER FUEGO LIGHT 30		15 16	1200x2500	3,00	14	EFFECTIS 09-A-499B
Structure acier	30	PYROGUARD EI 30 EXT	FORSTER FUEGO LIGHT 30		19 20	2000x2840	5,68	15	EFFECTIS 09-A-499B
Structure acier	30	PYROGUARD EI 30 INT PYROGUARD EI 30 EXT	FORSTER FUEGO LIGHT 30	Porte 1 V Porte 2 V	15 16 19 20	1400x2980	3,46	13	EFFECTIS 09-A-500B
						2830x2830	8,00		
						2000x2840	3,46		
						2500x1500	3,75		
Structure acier	30	PYROGUARD EI 30 INT PYROGUARD EI 30 INT PYROGUARD EI 30 EXT PYROGUARD EI 30 EXT	JANSEN JANISOL 2		15 16 19 20	1270x1268	1,60	13	EFFECTIS 09-A-501B
						1500x273	0,66		
Structure acier IGU	30	PYROGUARD EI 30 INT	JANSEN JANISOL 2		15 16	1200x2500	3,00	14	EFFECTIS 09-A-501B
Structure acier IGU	30	PYROGUARD EI 30 EXT	JANSEN JANISOL 2		19 20	2000x2840	5,68	15	EFFECTIS 09-A-502B
Structure acier	30	PYROGUARD EI 30 INT PYROGUARD EI 30 INT PYROGUARD EI 30 EXT PYROGUARD EI 30 EXT	JANSEN JANISOL 2	Porte 1 V Porte 2 V	15 16 19 20	1400x2980	3,46	16	EFFECTIS 09-A-502B
						2830x2830	8,00		

I COUPE FEU 60

Type d'Application	Durée du test (min)	Produit	Type de Cadre	Type de Pare close	Epaisseur (mm)	Dimensions Max (larg x haut)	Surface Max m²	Page	PV
Structure acier	60	PYROGUARD EI 60 INT	FORSTER FUEGO LIGHT 60	Porte ouvrant vers extérieur	23	1124x2384		17	EFFECTIS 10-V-128
Structure acier	60	PYROGUARD EI 60 INT	FORSTER FUEGO LIGHT 60	Porte ouvrant dans le four	23	1124x2384		17	EFFECTIS 10-A-128
Structure acier	60	PYROGUARD EI 60 INT	FORSTER FUEGO LIGHT 60	Porte 2V	23	1029x2384		17	EFFECTIS 10-V-132
Structure acier	60	PYROGUARD EI 60 EXT	FORSTER FUEGO LIGHT 60	Porte 2 V	27	1299x2584		18	EFFECTIS 10-V-136
Structure acier IGU	60	PYROGUARD EI 60 INT	JANSEN JANISOL C4	Porte 2 V	23	1061x2365			EFFECTIS 10-V-146
Structure acier	60	PYROGUARD EI 60 INT	JANSEN JANISOL C4	Porte 2 V	23	948x2362			EFFECTIS 10-V-151
Structure acier	60	PYROGUARD EI 60 INT	JANSEN JANISOL C4	Porte ouvrant dans le four	23	1138x589			EFFECTIS 10-V-152
Structure acier	60	PYROGUARD EI 60 INT	JANSEN JANISOL C4	Porte ouvrant vers ext	23	1138x2362			EFFECTIS 10-V-152

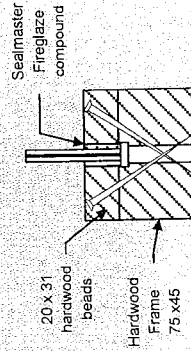
## 30 min Pyroguard in Timber

Pyroguard 30/  
Pyroguard Impact 30  
2750 x 886  
(max area 2.2m<sup>2</sup>)  
Soft wood frame with  
hard wood beads.



Chiltern F10070

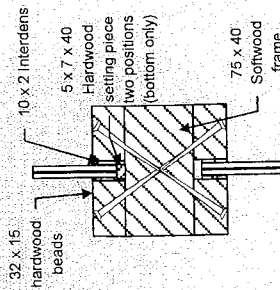
Pyroguard 30/Pyroguard  
Impact 30  
1100 x 2200  
Hard wood frame and  
beads



Stud walling compliant

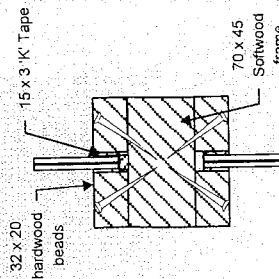
Chiltern 09040

Pyroguard 30/  
Pyroguard Impact 30  
1000 x 2500  
Soft wood frame and  
hard wood beads



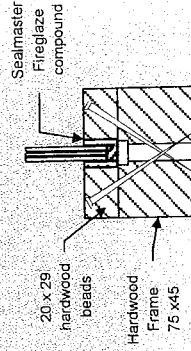
Chiltern 10120

Pyroguard 30/  
Pyroguard Impact  
30  
880 x 2750  
(max area 2.2m<sup>2</sup>)  
Soft wood frame  
with hard wood  
beads



Chiltern 09134

Pyroguard Maxi 30 1575 x 2100  
Hard wood frame and beads

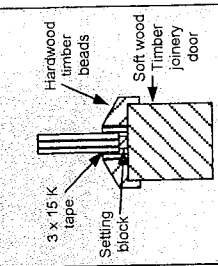


Effectis 07-V204

Stud walling compliant:- this test was conducted in a steel stud partition wall and as such can be included in partition walls, airated concrete block wall, concrete walls etc...

30 min Pyroguard in Timber Doors

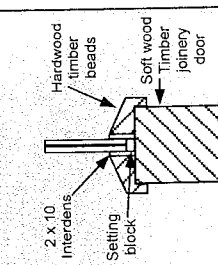
Pyroguard Maxi  
30  
720 x 1735  
Soft wood doors  
with hard wood  
beads



3 x 15 K  
tape  
Setting  
block  
Hardwood  
timber  
beads  
Soft wood  
Timber  
joinery  
door

Efectis 06-V-252

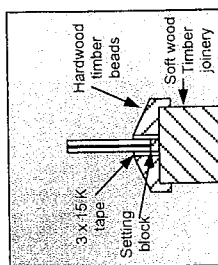
Pyroguard 30/  
Pyroguard  
Impact 30  
710 x 1725  
Soft wood doors  
with hard wood  
beads



2 x 10  
Interdenis  
Setting  
block  
Hardwood  
timber  
beads  
Soft wood  
Timber  
joinery  
door

Chiltern 10120

Pyroguard 30/  
Pyroguard  
Impact 30  
700 x 890  
Soft wood doors  
with hard wood  
beads



3 x 15 K  
tape  
Setting  
block  
Hardwood  
timber  
beads  
Soft wood  
Timber  
joinery  
door

Chiltern 09134

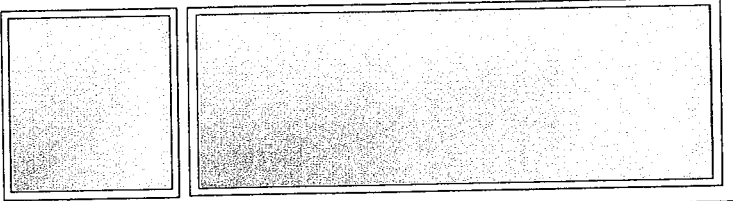
**Typical 30 min Timber screen**

Pyroguard 30/  
Pyroguard Impact 30  
2750 x 880 (max area 2.2m<sup>2</sup>)  
Soft wood frame with  
hard wood beads.

Ceramic glazing tape  
20 x 31 hardwood beads  
Softwood Frame 75 x 45

Pyroguard 30/  
Pyroguard Impact 30  
700 x 890  
Soft wood doors  
with hard wood  
beads

3 x 15 K  
Setting block  
Hardwood timber beads  
Softwood joinery door



Pyroguard 30/  
Pyroguard Impact 30  
710 x 1725  
Soft wood doors  
with hard wood  
beads

2 x 10  
Interdens  
Setting block  
Hardwood timber beads  
Softwood joinery door

Chiltern 10120

Pyroguard 30/  
Pyroguard Impact  
30  
880 x 2750  
(max area 2.2m<sup>2</sup>)  
Soft wood frame  
with hard wood  
beads

32 x 20  
hardwood  
beads  
15 x 3 K Tape  
5 x 7 x 40  
Hardwood  
setting piece  
two positions  
(bottom only)  
75 x 40  
Softwood  
frame

Pyroguard 30/  
Pyroguard Impact  
30  
880 x 2750  
(max area 2.2m<sup>2</sup>)  
Soft wood frame  
with hard wood  
beads

32 x 20  
hardwood  
beads  
15 x 3 K Tape  
5 x 7 x 40  
Hardwood  
setting piece  
two positions  
(bottom only)  
75 x 40  
Softwood  
frame

Pyroguard 30/  
Pyroguard Impact 30  
1000 x 2500  
Soft wood frame and  
hard wood beads

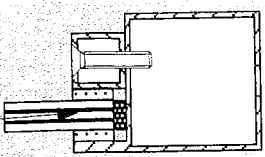
32 x 15  
hardwood  
beads  
10 x 2 Interdens  
5 x 7 x 40  
Hardwood  
setting piece  
two positions  
(bottom only)  
75 x 40  
Softwood  
frame

The screen can be constructed with any combination of the tested size in an infinite length screen as indicated above.

30 min Pyroguard in Steel

Pyroguard Maxi 30  
660 x 3000  
Max area  
1.65m<sup>2</sup>

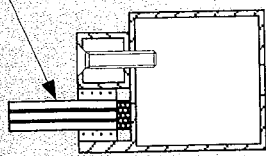
6 x 15 K tape.  
Hard wood setting block



RP Technik Series 50  
Chiltern F 09202

Pyroguard Maxi 30  
1440 x 2400

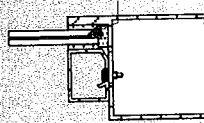
6 x 15 K tape.  
Hard wood setting block



RP Technik Series 50  
Effectis 07-V-206

Pyroguard 30/  
Pyroguard Impact 30  
840 x 1690  
(Multi-pane screens)

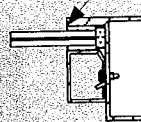
3 x 15 K tape.  
Hard wood setting block



Jansen Profile 01.570  
BRE 212059

Pyroguard 30/  
Pyroguard Impact 30  
900 x 1210 (Multi-pane screens)

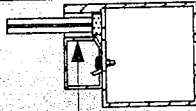
3 x 15 K tape.  
Hard wood setting block



Forster Presto 50  
Effectis 05-V-254

Pyroguard 30/  
Pyroguard Impact 30  
1028 x 900 (Multi-pane screens)

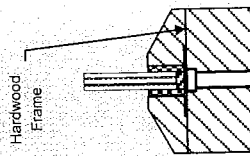
3 x 15 K tape.  
Hard wood setting block



Forster Presto 50  
Effectis 05-V-254

60 min Pyroguard in both Timber and Steel

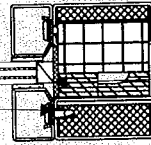
Pyroguard  
60  
550 x 2200  
(single-  
pane  
screens)  
Max. area  
1.105m<sup>2</sup>



Efectis  
07-V-203

Pyroguard 60  
600 x 2400  
(single-pane  
screens)  
Max. area  
1.2m<sup>2</sup>

10 x 8 hard  
wood  
Setting  
blocks



24.5 x 2.5  
Palstop-P

Forster Fuego Light  
profile 738.850

Efectis  
07-V-250

30 min Pyroguard IGU's in both Timber and Steel

**Pyroguard 30/Pyroguard Impact 30**  
 800 x 2500, softwood frame and hardwood beads

Argon filled Insulating Unit consisting:  
 66.2 PvB to Furnace,  
 6mm aluminium spacer,  
 Pyroguard 30/Pyroguard impact 30,  
 2 part polysulphide sealant.

3 x 15 K Tape  
 Hardwood 5 x 22 x 40 setting blocks bottom only

**Pyroguard Maxi 30**  
 1540 x 2200  
 Max. area 3.08m<sup>2</sup>

Argon filled Insulating Unit consisting:  
 Pyroguard Maxi 30 to Furnace,  
 15mm aluminium spacer,  
 33/2 laminate,  
 2 part polysulphide sealant.

3 x 15 K Tape trimmed to 8mm on both sides to allow for CXL715 adhesive  
 Hardwood 8 x 35 x 40 setting blocks bottom only

**Chiltern 09133**

**Pyroguard 30/Pyroguard Impact 30**  
 1200 x 2000  
 Max. area 2.4m<sup>2</sup>

Argon filled Insulating Unit consisting:  
 Pyroguard 30/Pyroguard impact 30  
 12mm Steel spacer  
 4mm ClimateGuard with coating on internal surface to fire.  
 2 part Polysulphide edge sealant.

Hardwood 5 x 22 x 40 setting blocks bottom only  
 3 x 15 K Tape

**Efectis 06-V-392**

**Pyroguard Maxi 30**  
 1400 x 2100  
 Max. area 2.94m<sup>2</sup>

Argon filled Insulating Unit consisting:  
 Pyroguard Maxi 30 to Furnace,  
 10mm steel spacer,  
 4mm toughened Low 'E' with coating on internal surface,  
 2 part polysulphide sealant.

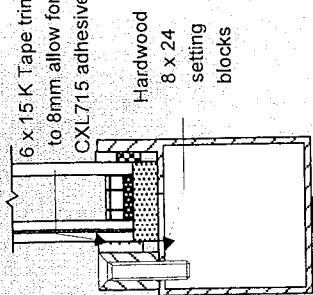
6 x 15 K Tape trimmed to 8mm on this side to allow for CXL715 adhesive  
 Hardwood 8 x 25 x 40 setting blocks bottom only

**Jansen Economy 50**  
**Efectis 08-V-457**

60 min Pyroguard IGU's in Steel

**Pyroguard 30/  
Pyroguard impact 30**  
979 x 2100 screens  
Max. area 1.71m<sup>2</sup>

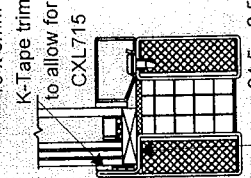
Insulating Unit consisting:  
Pyroguard 30/ Pyroguard  
impact 30 to furnace,  
12mm steel spacer,  
4mm toughened Silverstar  
with coating on internal surface,  
2 part Polysulphide sealant.



**Forster Presto 50**  
Efectis 06-V-010

**Pyroguard  
60**  
600 x 2400  
screens  
Max. area  
1.32m<sup>2</sup>

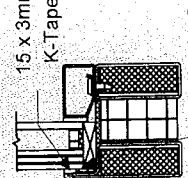
IGU consisting:  
Pyroguard 60  
12mm steel spacer  
4mm Low E float  
to fire  
2 part Polysulphide  
sealant



**Forster fuego  
Light F60**  
Efectis  
07-V-250

**Pyroguard  
60**  
650 x 2000  
screens  
Max. area  
1.30m<sup>2</sup>

IGU consisting:  
Pyroguard 60  
12mm steel spacer  
4mm Low E float  
to fire  
2 part Polysulphide  
sealant

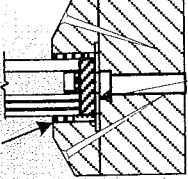


**Forster fuego  
Light F60**  
Efectis  
08-V-300

**Pyroguard 60**  
780 x 2400  
screens  
Max. area 1.56m<sup>2</sup>

IGU consisting of  
1 Pyroguard 60  
12mm steel spacer  
6mm Low e Float  
To fire  
2 part Polysulphide  
sealant

6mm K Tape  
Sealmaster fireglaze  
compound  
28x8 setting blocks  
CXL 715



Sealmaster  
GL60 liner

**Efectis 07-V-249**

30 Min Pyroguard IGU Doors

