

Defence EI

Quick Sheet



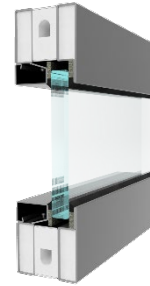
Integrity & Insulation
Steel Framed Glazed
Fire Screens

Think partitioning.
Think Komfort.

Komfort's **Defence EI Fire Screens** offer integrity and insulation performance. This system works to prevent flames and flammable gases as well as the transference of heat to the protected side. Constructed using a steel framework to meet the highest level of fire protection, offering ratings from 30 minutes to 120 minutes, meeting a range of project specifications. The system can also be complemented with both latched and unlatched doors.

Overview	EI30	EI60	EI90+
Maximum Screen Height	4500mm	4500mm	3500mm*
Maximum Module Width	1500mm	1500mm	1500mm
Framework Weight	6.5kg/lm	8.0kg/lm	8-11kg/lm*
Single Latched Doors	1400 x 3000	1460 x 2870	1450 x 2800*
Double Latched Doors	2830 x 3000	2820 x 2890	2830 x 2800*
Single Unlatched Doors	1160 x 2430	1160 x 2430	-
Double Unlatched Doors	2310 x 2430	2310 x 2430	-
Acoustic Performance	See Table	See Table	See Table

* Depending on configuration & specification



Typical Screen



Door & Frame

Optional Extras & Finishes

- ✓ Polyester Powder Coat Finish
- ✓ Manifestations
- ✓ Graphics
- * Switch Glass
- ✓ Blinds

* Depending on configuration & specification

Performance Summary

Glass Type	Track Depth	Butt Joint	Weight	Acoustics dB Rating	Fire Rating
18mm Pyroguard T	65mm	No	39.0kg/m ²	39dB (R_w)	EI30
20mm Contraflam 30-2	65mm	No	44.0kg/m ²	41dB (R_w)	EI30
24mm Pyroguard T	65mm	No	52.0kg/m ²	42dB (R_w)	EI30
18mm Pyroguard T & 8.8mm Acoustic Lam. DGU	65mm	No	61.0kg/m ²	45dB (R_w)	EI30
18mm Pyroguard T & 16.8mm Acoustic Lam. DGU	65mm	No	81.0kg/m ²	50dB (R_w)	EI30
24mm Pyroguard T & 12.8mm Acoustic Lam. DGU	65mm	No	84.0kg/m ²	52dB (R_w)	EI30
23mm Contraflam Structure 30	65mm	Yes	51.5kg/m ²	40dB (R_w)	EI30
25mm Pyroguard T	65mm	No	53.5kg/m ²	42dB (R_w)	EI60
27mm Contraflam 60-3	65mm	No	58.5kg/m ²	43dB (R_w)	EI60
33mm Pyroguard T	65mm	No	73.3kg/m ²	44dB (R_w)	EI60
25mm Pyroguard T & 8mm Toughened DGU	65mm	No	73.5kg/m ²	45dB (R_w)	EI60
25mm Pyroguard T & 8.8mm Acoustic Lam. DGU	65mm	No	75.5kg/m ²	48dB (R_w)	EI60
25mm Pyroguard T & 12.8mm Acoustic Lam. DGU	65mm	No	85.5kg/m ²	52dB (R_w)	EI60
31mm Contraflam Structure 60	65mm	Yes	68.5kg/m ²	43dB (R_w)	EI60
40mm Contraflam 90-4	70mm	No	82.0kg/m ²	46dB (R_w)	EI90
52mm Pyroguard T 52-4	110mm	No	105.5kg/m ²	47dB (R_w)	EI120

For further information please refer to the **Defence** Design Guide or contact our Specification Team.



This product is available on **NBS Source**.



BIM Objects are available for this product.



THE INTERNATIONAL EPD® SYSTEM

Not currently available for this product.

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