


20 Minute Fire Protective Glass Products Comparison

All Products Meet CPSC impact safety requirements

Specialty Tempered

20 Minute Product	Origin	Appearance	Cost	Hose Stream	Max. Area (sq. in.) in Doors	Warranty	Thickness/Weight per sq. ft.
SuperLite I by SAFTI FIRST 	USA	Clear	\$	No*	3,436 for AD** / 3,341 for SD** / 3,299 for WD**	10 years	1/4" / 3 lbs.
Fireglass20 by TGP	USA	Clear	\$	No*	3,204	Unknown	1/4" / 3 lbs.
Pyroswiss by Vetrotech	USA	Clear	\$	No*	3,419	Unknown	1/4" / 3 lbs.

Filmed Ceramic

20 Minute Product	Origin	Appearance	Cost	Hose Stream	Max. Area (sq. in.) in Doors	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST	Imported	Tinted	\$\$\$	Yes	2,799	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	3,204	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	3,627	3 years	3/16" / 2.5 lbs.

Laminated Ceramic

20 Minute Product	Origin	Appearance	Cost	Hose Stream	Max. Area (sq. in.) in Doors	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST	Imported	Tinted	\$\$\$\$	Yes	2,736	5 years	3/8" / 4 lbs.
FireLite Plus TGP	Imported	Tinted	\$\$\$\$	Yes	3,204	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	3,627	5 years	5/16" / 4 lbs.

Filmed Wire Glass

20 Minute Product	Origin	Appearance	Cost	Hose Stream	Max. Area (sq. in.) in Doors	Warranty	Thickness/Weight per sq. ft.
SuperLite I-W by SAFTI FIRST	USA	Clear w/ wire	\$\$	Yes	3,289 for SD** / 2,856 for WD**	10 years	5/16" / 3 lbs.
Wirelite NT by TGP	USA	Clear w/ wire	\$\$	Yes	3,289	3 years	1/4" / 3.79 lbs.

*Per the IBC, the hose stream test is not required for 20 minute doors.


** AD = Aluminum Door / SD = Steel Door / WD = Wood Door

This data is taken from the manufacturer/distributor's published information.
Please check with the individual manufacturer/distributor for the most up-to-date information.

45 Minute Fire Protective Glass Products Comparison in Sidelites, Transoms and Other Openings

(See next page for 45 Minute Fire Protective Glass Products Comparison in Doors)

Fire Protective Glass with Fire Resistive Properties (tested to ASTM E-119). Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite II-XL 45 by SAFTI FIRST 	USA	Clear	\$\$	Yes	Starphire Ultra-Clear by PPG, Insulated, Low-E, Decorative, Hurricane, Forced Entry, Ballistic, Blast, X-ray, etc.	4,952	5 years standard 10 years optional.	3/4" / 8 lbs. standard (1/2" thin profile also available)
Pyrostop 45 by Pilkington	Imported	Clear	\$\$	Yes	Insulated, Low-E, Decorative, Ballistic, X-ray	4,500	5 years	3/4" / 9.2 lbs.
Contraflam 45 by Vetortech	USA	Clear	\$\$	Yes	Insulated, Low-E	3,419	5 years	3/4" / 8.0 lbs.

Heat-Reflective Specialty Tempered. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite I-XL by SAFTI FIRST	USA	Clear	\$	No*	Starphire Ultra-Clear by PPG, Obscure, Pattern, Insulated, etc.	5,760	10 years	1/4" / 3 lbs.

*AHJ approval required. Visit www.safti.com/AHJ for more information.

Non-Safety Ceramic. Does not meet any safety standard and limited in use to transoms and other non-hazardous locations.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum by SAFTI FIRST	Imported	Tinted	\$\$	Yes	Insulated	3,323	10 years	3/16" / 2.4 lbs
FireLite by TGP	Imported	Tinted	\$\$	Yes	Insulated	3,323	Unknown	3/16" / 2.4 lbs
Keralite by Vetrotech	Imported	Tinted	\$\$	Yes	Insulated	2,736	Unknown	3/16" / 2.4 lbs

Filmed Ceramic. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST	Imported	Tinted	\$\$\$	Yes	Insulated	3,323	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	Insulated	3,325	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	Insulated	3,627	3 years	3/16" / 2.5 lbs.

Laminated Ceramic. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST	Imported	Tinted	\$\$\$\$	Yes	Insulated	3,143	5 years	3/8" / 4 lbs.
FireLite Plus by TGP	Imported	Tinted	\$\$\$\$	Yes	Insulated	3,325	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	Insulated	3,627	5 years	5/16" / 4 lbs.

Filmed Wire Glass. Meets CPSC Cat. II Impact Safety.


45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite I-W by SAFTI FIRST	USA	Clear with wire	\$\$	Yes	Obscure	4,608 for Windows/ 3,456 for Transoms	10 years	5/16" / 3 lbs.
Wirelite NT by TGP	USA	Clear with wire	\$\$	Yes	Unknown	1,296	3 years	1/4" / 3.79 lbs.

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45 Minute Fire Protective Glass Products Comparison in Doors

(See previous page for 45 Minute Fire Protective Glass Products Comparison in Sidelites, Transoms and Other Openings)

Fire Protective Glass with Fire Resistive Properties (tested to ASTM E-119). Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite II-XL 45 by SAFTI FIRST 	USA	Clear	\$\$	Yes	Starphire Ultra-Clear by PPG, Insulated, Low-E, Decorative, Hurricane, Forced Entry, Ballistic, Blast, X-ray, etc.	4,952	5 years standard. 10 years optional.	3/4" / 8 lbs. standard (1/2" thin profile also available)
Pyrostop 45 by Pilkington	Imported	Clear	\$\$	Yes	Insulated, Low-E, Decorative, Ballistic, X-ray	3,742	5 years	3/4" / 9.2 lbs.
Contraflam 45 by Vetortech	USA	Clear	\$\$	Yes	Insulated, Low-E	3,419	5 years	3/4" / 8.0 lbs.

Heat-Reflective Specialty Tempered. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite I-XL by SAFTI FIRST	USA	Clear	\$	No*	Starphire Ultra-Clear by PPG, Obscure, Pattern, Insulated, etc.	3,341	10 years	1/4" / 3 lbs.

*AHJ approval required. Visit www.safti.com/AHJ for more information.

Filmed Ceramic. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST	Imported	Tinted	\$\$\$	Yes	Insulated	2,799	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	Insulated	3,204	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	Insulated	3,627	3 years	3/16" / 2.5 lbs.

Laminated Ceramic. Meets CPSC Cat. II Impact Safety.

45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST	Imported	Tinted	\$\$\$\$	Yes	Insulated	2,736	5 years	3/8" / 4 lbs.
FireLite Plus by TGP	Imported	Tinted	\$\$\$\$	Yes	Insulated	3,204	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	Insulated	3,627	5 years	5/16" / 4 lbs.

Filmed Wire Glass. Meets CPSC Cat. II Impact Safety.


45 Minute Product	Origin	Appearance	Cost	Hose Stream	Custom Options	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite I-W by SAFTI FIRST	USA	Clear with wire	\$\$	Yes	Obscure	1,296 for wood door/ 2,856 for steel door	10 years	5/16" / 3 lbs.
Wirelite NT by TGP	USA	Clear with wire	\$\$	Yes	Unknown	1,296	3 years	1/4" / 3.79 lbs.

This data is taken from the manufacturer/distributor's published information.
Please check with the individual manufacturer/distributor for the most up-to-date information.

60 Minute Fire Protective Glass Products Comparison for Vision Lites in Temperature Rise Doors

All products meet CPSC impact safety requirements

Specialty Fire Protective

60 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite X-45/60/90 by SAFTI FIRST 	USA	Clear	\$	Yes	No	100*	10 years	3/4" / 9 lbs.

Filmed Ceramic

60 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST	Imported	Tinted	\$\$\$	Yes	No	100*	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.

Laminated Ceramic

60 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	3/8" / 4 lbs.
FireLite Plus TGP	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.

Filmed Wire Glass

60 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/Weight per sq. ft.
SuperLite I-W by SAFTI FIRST	USA	Clear with wire	\$\$	Yes	No	100*	10 years	5/16" / 3 lbs.
Wirelite NT by TGP	USA	Clear with wire	\$\$	Yes	No	100*	3 years	1/4" / 3.79 lbs.


*Building codes limit 60 minute fire protective products to 100 sq. inches in temperature rise door only because they do not block radiant heat transfer. To exceed 100 sq. inches in temperature doors, an ASTM E-119-rated product like SuperLite II-XL 60 must be used.

This data is taken from the manufacturer/distributor's published information. Please check with the individual manufacturer/distributor for the most up-to-date information.

90 Minute Fire Protective Glass Products Comparison for Vision Lites in Temperature Rise Doors

All products meet CPSC impact safety requirements

Specialty Fire Protective

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
SuperLite X-45/60/90 by SAFTI FIRST 	USA	Clear	\$	Yes	No	100*	10 years	3/4" / 9 lbs.

Filmed Ceramic

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST	Imported	Tinted	\$\$\$	Yes	No	100*	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.

Laminated Ceramic

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	3/8" / 4 lbs.
FireLite Plus TGP	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.

Filmed Wire Glass

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
SuperLite I-W by SAFTI FIRST	USA	Clear with wire	\$\$	Yes	No	100*	10 years	5/16" / 3 lbs.
Wirelite NT by TGP	USA	Clear with wire	\$\$	Yes	No	100*	3 years	1/4" / 3.79 lbs.


*Building codes limit 90 minute fire protective products to 100 sq. inches in temperature rise door only because they do not block radiant heat transfer. To exceed 100 sq. inches in temperature doors, an ASTM E-119-rated product like SuperLite II-XL 90 must be used.

This data is taken from the manufacturer/distributor's published information.
Please check with the individual manufacturer/distributor for the most up-to-date information.


180 Minute Fire Protective Glass Products Comparison for Vision Lites in Temperature Rise Doors

All products meet CPSC impact safety requirements

Filmed Ceramic

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
PYRAN Platinum F by SAFTI FIRST 	Imported	Tinted	\$\$\$	Yes	No	100*	10 years	3/16" / 2.5 lbs.
FireLite NT by TGP	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.
Keralite F/Select F by Vetrotech	Imported	Tinted	\$\$\$	Yes	No	100*	3 years	3/16" / 2.5 lbs.

Laminated Ceramic

90 Minute Fire Protective Product	Origin	Appearance	Cost	Hose Stream	Meets ASTM E-119	Max. Area (sq. in.)	Warranty	Thickness/ Weight per sq. ft.
PYRAN Platinum L by SAFTI FIRST 	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	3/8" / 4 lbs.
FireLite Plus TGP	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.
Keralite L/Select L by Vetrotech	Imported	Tinted	\$\$\$\$	Yes	No	100*	5 years	5/16" / 4 lbs.

*Building codes limit 180 minute fire protective products to 100 sq. inches in temperature rise door only because they do not block radiant heat transfer.

This data is taken from the manufacturer/distributor's published information.
Please check with the individual manufacturer/distributor for the most up-to-date information.