

Pyroguard Protect

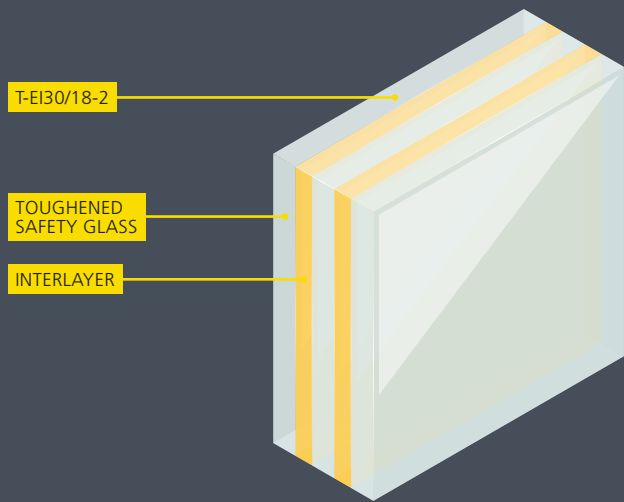
- T-EI30/18-2
- T-EI30/21-2
- T-EI30/24-2

EN14449 LAMINATED SAFETY GLASS



Classification: EI

The highest level of protection from flames, smoke and heat.



Fire resistance
EI30



Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Reaction to fire
A2-s1,d0



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EI30/18-2	T-EI30/21-2	T-EI30/24-2
FIRE RESISTANCE (EN 13501-2)	EI30	EI30	EI30
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 1500 x 3000	300 x 400 1800 x 3500	300 x 400 2400 x 4000
THICKNESS AND TOLERANCE (mm)	18 (-1/+2)	21 (-1/+2)	24 (-1/+2)
WEIGHT (kg/m ²)	39	46.4	52
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	40 (-2;-3)	-	-
T _v LIGHT TRANSMISSION (EN 410) (%)	82	82	81
U _g VALUE (EN 673) W/m ² K	5.3	-	5.2
g VALUE (EN 410)	0.68	0.68	0.67
TEMPERATURE RANGE (°C)	-10/+45	-10/+45	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d0	A2-s1,d0	A2-s1,d0
IMPACT RESISTANCE (EN 12600)	1B1	1B1	1B1
UV STABILITY (EN ISO 12543-4)	✓	✓	✓
CE/UKCA CERTIFICATE OF CONFORMITY	1812-CPR-1643; 1812-CPR-1496	1812-CPR-1643; 1812-CPR-1496	1812-CPR-1643; 1812-CPR-1496
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓	✓	✓

Pyroguard Infinity

• T-EI30/24-2 SWS

EN14449 LAMINATED SAFETY GLASS

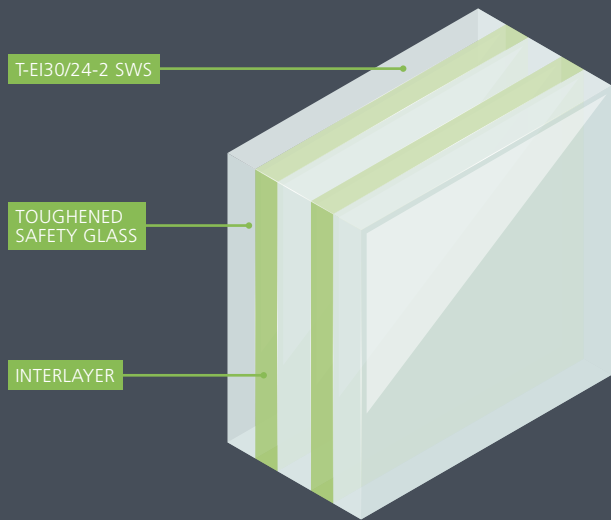


Classification: EI

The highest level of protection from flames, smoke and heat.



Structural wall / butt-joint



Fire resistance
EI30



Toughened
glass



Weight
52 kg/m²



Sound reduction
42 dB



Impact resistance
1B1



Light transmission
81%



Reaction to fire
A2-s1,d0



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EI30/24-2 SWS
FIRE RESISTANCE (EN 13501-2)	EI30
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 1800 x 3500
THICKNESS AND TOLERANCE (mm)	24 (-1/+2)
WEIGHT (kg/m ²)	52
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	42
T _v LIGHT TRANSMISSION (EN 410) (%)	81
U _g VALUE (EN 673) W/m ² K	5.2
g VALUE (EN 410)	0.66
TEMPERATURE RANGE (°C)	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d0
IMPACT RESISTANCE (EN 12600)	1B1
UV STABILITY (EN ISO 12543-4)	✓
CE/UKCA CERTIFICATE OF CONFORMITY	1812-CPR-1643
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓

Pyroguard Infinity

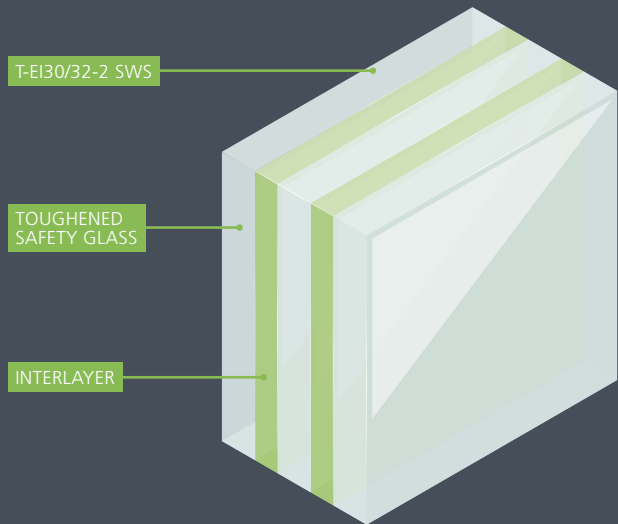
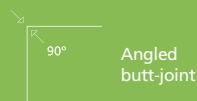
• T-EI30/32-2 SWS (angle joint option)

EN14449 LAMINATED SAFETY GLASS



Classification: EI

The highest level of protection from flames, smoke and heat.



Fire resistance
EI30



Toughened
glass



Weight
72 kg/m²



Sound reduction
42 dB



Impact resistance
1B1



Light transmission
80%



Reaction to fire
A2-s1,d0



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EI30/32-2 SWS (ANGLE JOINT OPTION)
FIRE RESISTANCE (EN 13501-2)	EI30
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 2400 x 4000
THICKNESS AND TOLERANCE (mm)	32 (-1/+3)
WEIGHT (kg/m ²)	72
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	42 (-1;-2)
T _v LIGHT TRANSMISSION (EN 410) (%)	80
U _g VALUE (EN 673) W/m ² K	5.0
g VALUE (EN 410)	0.64
TEMPERATURE RANGE (°C)	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d0
IMPACT RESISTANCE (EN 12600)*	1B1
UV STABILITY (EN ISO 12543-4)	✓
CE/UKCA CERTIFICATE OF CONFORMITY	1812-CPR-1643
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓