

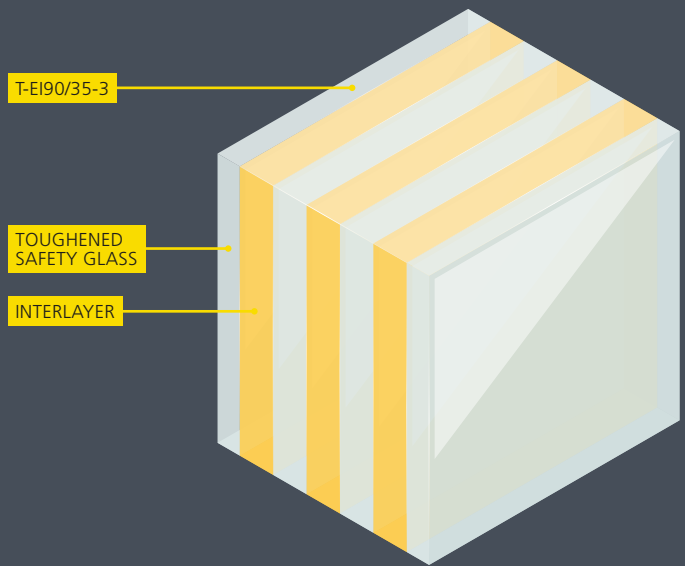
Pyroguard Protect

- T-EI90/35-3
- T-EI90/40-3
- T-EI90/42-3

EN1279-5+A2 INSULATING GLASS UNITS
EN14449 LAMINATED SAFETY GLASS



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



Fire resistance
EI90



Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Temp range
-10°C/+45°C



Attack
protection P1A

CHARACTERISTICS	T-EI90/35-3	T-EI90/40-3	T-EI90/42-3
FIRE RESISTANCE (EN 13501-2)	EI90	EI90	EI90
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)	35 (-1/+3)	40 (-1/+3)	42 (-1/+3)
WEIGHT (kg/m ²)	72.2	81.6	86.6
TEMPERATURE RANGE (°C)	-10/+45	-10/+45	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d0	A2-s1,d0	A2-s1,d0
ATTACK RESISTANCE (EN 356)	P1A	P1A	P1A
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

Pyroguard Infinity

• T-EI90/36-3 SWS

EN14449 LAMINATED SAFETY GLASS

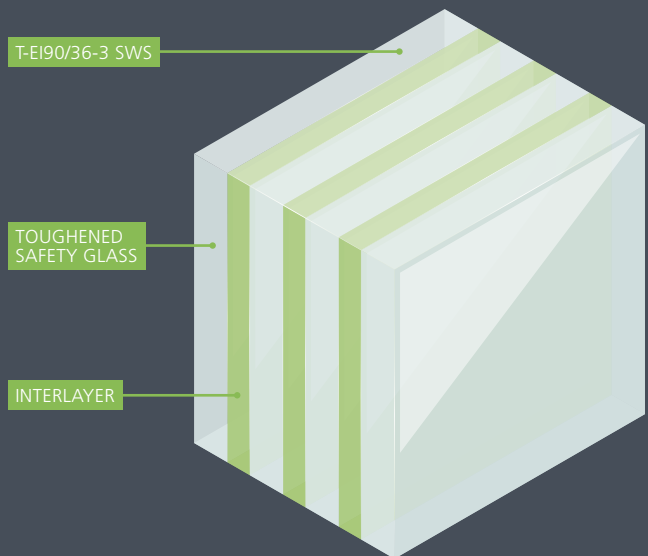


Classification: EI

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



Structural wall / butt-joint



Fire resistance
EI90



Toughened
glass



Weight
78 kg/m²



Sound reduction
44 dB



Impact resistance
1B1



Light transmission
76%



Reaction to fire
A2-s1,d0



Temp range
-10°C/+45°C



Attack
protection P1A

CHARACTERISTICS	T-EI90/36-3 SWS
FIRE RESISTANCE (EN 13501-2)	EI90
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 2400 x 4000
THICKNESS AND TOLERANCE (mm)	36 (-1/+3)
WEIGHT (kg/m ²)	78
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	44 (-2;-2)
T _v LIGHT TRANSMISSION (EN 410) (%)	76
U _g VALUE (EN 673) W/m ² K	4.9
g VALUE (EN 410)	0.6
TEMPERATURE RANGE (°C)	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d0
ATTACK RESISTANCE (EN 356)	P1A
IMPACT RESISTANCE (EN 12600)*	1B1
UV STABILITY (EN ISO 12543-4)	✓
CE/UKCA CERTIFICATE OF CONFORMITY	1812-CPR-1643
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓