

# Pyroguard Infinity

• T-EI90/36-3 SWS

EN14449 LAMINATED SAFETY GLASS

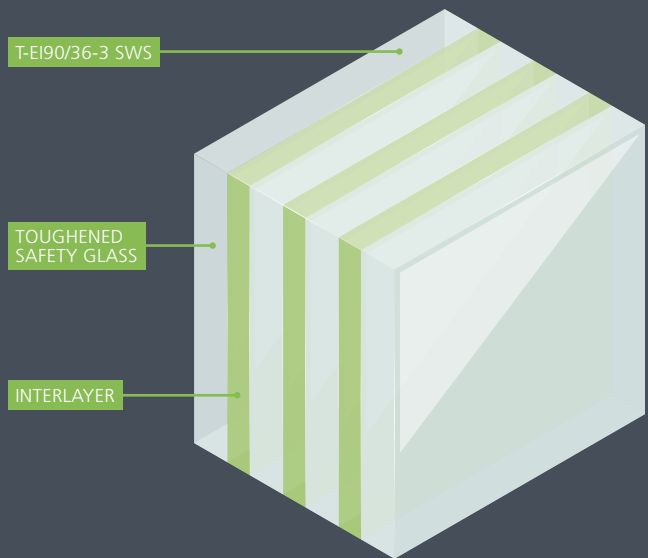


## Classification: EI

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



Structural wall /  
butt-joint



Fire resistance  
EI90



Toughened  
glass



Weight  
78 kg/m<sup>2</sup>



Sound reduction  
44 dB



Impact resistance  
1B1



Light transmission  
76%



Reaction to fire  
A2-s1,d0



Temp range  
-10°C/+45°C



Attack resistance  
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 <sup>2</sup> )	78
R <sub>w</sub> (C;Ctr) SOUND REDUCTION (EN 140-3)	44 (-2;-2)
T <sub>v</sub> LIGHT TRANSMISSION (EN 410) (%)	76
U <sub>g</sub> VALUE (EN 673) W/m <sup>2</sup> 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 CERTIFICATE OF CONFORMITY	1812-CPR-1964
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓