

Pyroguard Protect

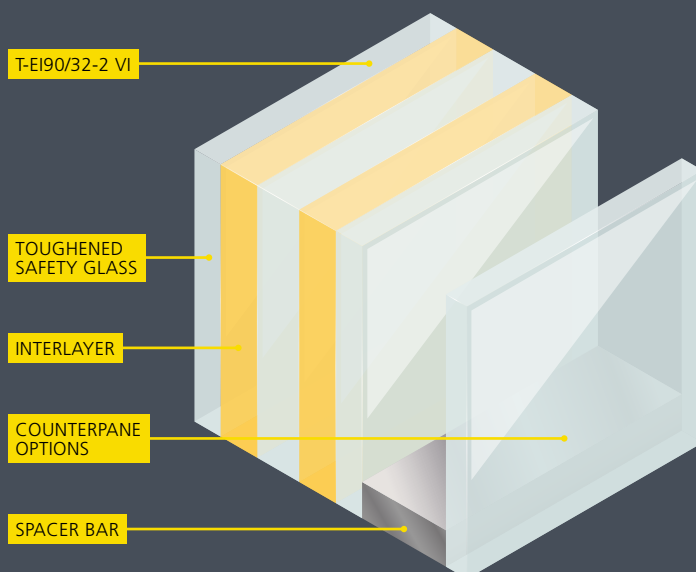
• T-EI90/32-2 VI

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



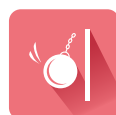
Toughened
glass



Weight
83 kg/m²



Sound reduction
43 dB



Impact resistance
1B1



Light transmission
67%



Temp range
-10°C/+45°C



Attack resistance
P1A

CHARACTERISTICS	T-EI90/32-2 VI 16mm SPACER 4mm LOW E COUNTERPANE**
FIRE RESISTANCE (EN 13501-2)	EI90
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 1800 x 3500
THICKNESS AND TOLERANCE (mm)	52 (-2/+3)
WEIGHT (kg/m ²)	83
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	43 (-2;-6)
T _v LIGHT TRANSMISSION (EN 410) (%)	67
U _g VALUE (EN 673) W/m ² K	1.0
g VALUE (EN 410)	0.46
TEMPERATURE RANGE (°C)	-10/+45
ATTACK RESISTANCE (EN 356)*	P1A
IMPACT RESISTANCE (EN 12600)*	1B1
UV STABILITY (EN ISO 12543-4)	✓
CE CERTIFICATE OF CONFORMITY	1812-CPR-1963

*impact and attack resistance of counterpane not reported

**VI example construction. Data calculated using WINSLT (90% Ar; Guardian 1.0 Low E counterpane)