

Pyroguard Protect

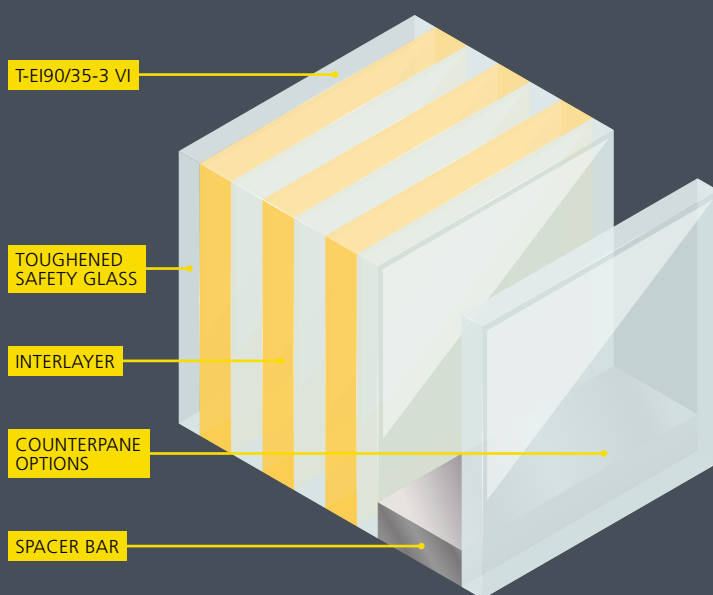
- T-EI90/35-3 VI
- T-EI90/40-3 VI
- T-EI90/42-3 VI

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



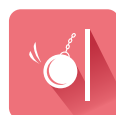
Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Great
U-value



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EI90/35-3 VI 16mm SPACER 4mm LOW E COUNTERPANE**	T-EI90/40-3 VI 16mm SPACER 4mm LOW E COUNTERPANE**	T-EI90/42-3 VI 16mm SPACER 6mm LOW E COUNTERPANE**
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)	55 (-1/+3)	60 (-1/+3)	64 (-1/+3)
WEIGHT (kg/m²)	82	90	100
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	-	47 (-3;-7)	-
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 CERTIFICATE OF CONFORMITY	1812-CPR-1963	1812-CPR-1963	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)