

Pyroguard Protect

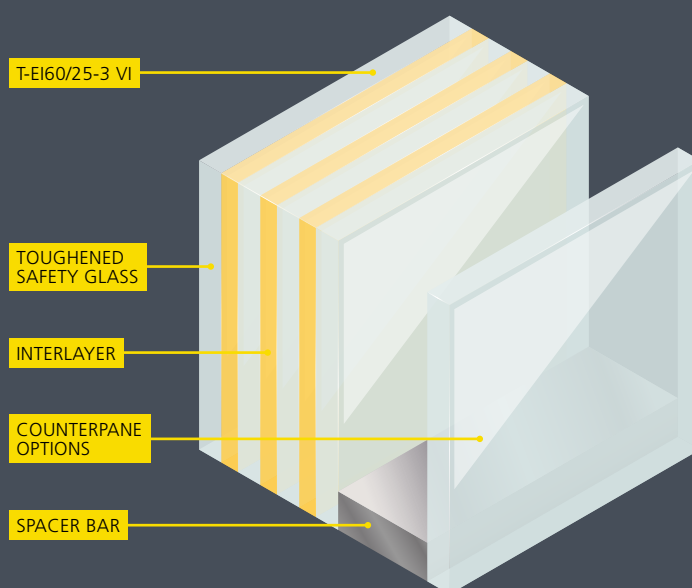
- T-EI60/25-3 VI
- T-EI60/29-3 VI
- T-EI60/33-3 VI
- T-EI60/25-3 TVI
- T-EI60/29-3 TVI
- T-EI60/33-3 TVI

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



Classification: EI

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



Fire resistance
EI60



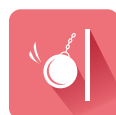
Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Temp range
-10°C/+45°C



Attack resistance
P1A

CHARACTERISTICS	T-EI60/25-3 VI 16mm SPACER 4mm LOW E COUNTERPANE**	T-EI60/29-3 VI 16mm SPACER 6mm LOW E COUNTERPANE**	T-EI60/33-3 VI 16mm SPACER 6mm LOW E COUNTERPANE**	T-EI60/25-3 TVI 12mm SPACERS 4mm LOW E COUNTERPANES**	T-EI60/29-3 TVI 12mm SPACERS 6mm LOW E COUNTERPANES**	T-EI60/33-3 TVI 16mm SPACERS 6mm LOW E COUNTERPANES**
FIRE RESISTANCE (EN 13501-2)	EI60	EI60	EI60	EI60	EI60	EI60
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 1500 x 3000	300 x 400 1800 x 3500	300 x 400 2400 x 4000	300 x 400 1500 x 3000	300 x 400 1800 x 3500	300 x 400 2400 x 4000
THICKNESS AND TOLERANCE (mm)	45 (-2/+3)	51 (-2/+3)	55 (-2/+3)	57 (-2.5/+3.5)	65 (-2.5/+3.5)	77 (-2.5/+3.5)
WEIGHT (kg/m²)	65	78	90	77	93	106
R _w (C _g /C _{tr}) SOUND REDUCTION (EN 140-3)	42 (-2;-5)	45 (-2;-7)	45 (-2;-6)	43 (-2;-7)	46 (-2;-8)	47 (-2;-8)
T _v LIGHT TRANSMISSION (EN 410) (%)	67	66	63	55	55	53
U _g VALUE (EN 673) W/m²K	1.0	1.0	1.0	0.6	0.6	0.6
g VALUE (EN 410)	0.47	0.47	0.45	0.35	0.36	0.36
TEMPERATURE RANGE (°C)	-10/+45	-10/+45	-10/+45	-10/+45	-10/+45	-10/+45
ATTACK RESISTANCE (EN 356)*	P1A	P1A	P1A	P1A	P1A	P1A
IMPACT RESISTANCE (EN 12600)*	1B1	1B1	1B1	1B1	1B1	1B1
UV STABILITY (EN ISO 12543-4)	✓	✓	✓	✓	✓	✓
CE CERTIFICATE OF CONFORMITY	1812-CPR-1963	1812-CPR-1963	1812-CPR-1963	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)