

Pyroguard Protect

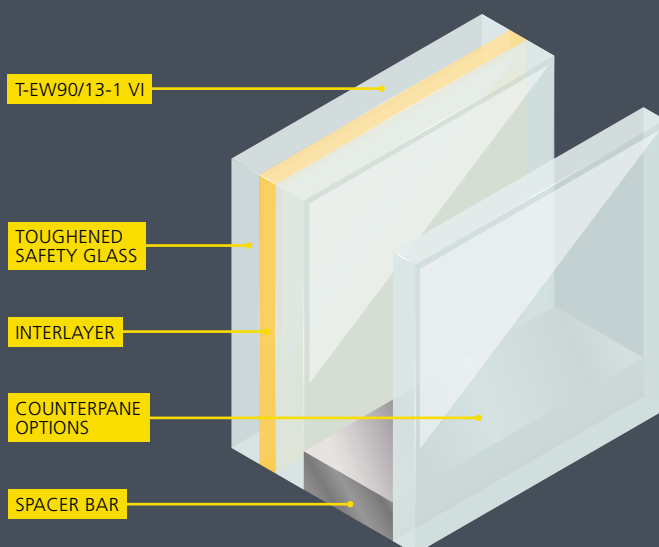
- T-EW90/13-1 VI
- T-EW90/15-1 VI
- T-EW90/19-1 VI

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



Classification: EW

Reduces the amount of radiant heat transfer to below 15 kW/m² on the unexposed side.



Fire resistance
EW90/EI20



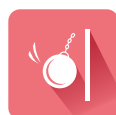
Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Great
U-value



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EW90/13-1 VI 16mm SPACER 4mm LOW E COUNTERPANE**	T-EW90/15-1 VI 16mm SPACER 6mm LOW E COUNTERPANE**	T-EW90/19-1 VI 16mm SPACER 8mm LOW E COUNTERPANE**
FIRE RESISTANCE (EN 13501-2)	EW90/EI20	EW90/EI20	EW90/EI20
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 1800 x 3500	300 x 400 2400 x 4000	300 x 400 2400 x 4000
THICKNESS AND TOLERANCE (mm)	33 (-2/+3)	37 (-2/+3)	43 (-2/+3)
WEIGHT (kg/m²)	39	49	64
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	38 (-2;-6)	-	-
T _v LIGHT TRANSMISSION (EN 410) (%)	73	72	71
U _g VALUE (EN 673) W/m²K	1.0	1.0	1.0
g VALUE (EN 410)	0.49	0.48	0.47
TEMPERATURE RANGE (°C)	-10/+45	-10/+45	-10/+45
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)