

Pyroguard Protect

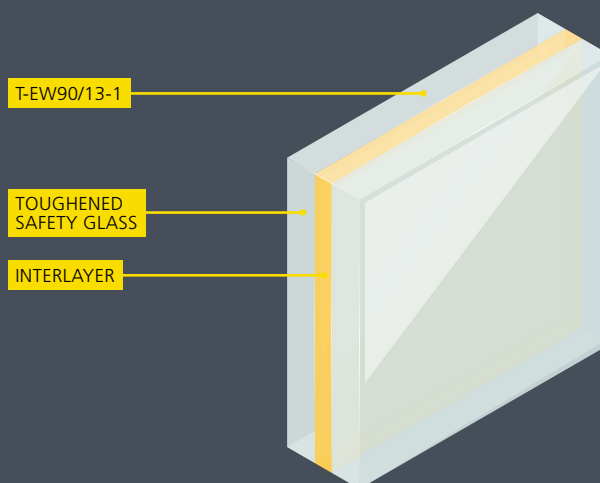
- T-EW90/13-1
- T-EW90/15-1
- T-EW90/19-1

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



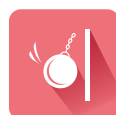
Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1B1



Excellent light
transmission



Reaction to fire
A2-s1,d0



Temp range
-10°C/+45°C

CHARACTERISTICS	T-EW90/13-1	T-EW90/15-1	T-EW90/19-1
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)	13 (-1/+2)	15 (-1/+2)	19 (-1/+2)
WEIGHT (kg/m ²)	29	34	44
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	37 (-1;-2)	38 (-3;-4)	39 (-4;-4)
T _v LIGHT TRANSMISSION (EN 410) (%)	88	87	86
U _g VALUE (EN 673) W/m ² K	5.5	5.4	5.3
g VALUE (EN 410)	0.75	0.73	0.70
TEMPERATURE RANGE (°C)	-10/+45	-10/+45	-10/+45
REACTION TO FIRE (EN 13501-1)	A2-s1,d1	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-1964	1812-CPR-1964	1812-CPR-1964
ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)	✓	✓	✓