

Pyroguard Firesafe

- T-EW30/6
- T-EW30/6 VI
- T-EW30/6 VI RV
- T-EW30/6 TVI
- T-EW30/6 TVI RV

EN12150-2 TOUGHENED SAFETY GLASS
 EN1279-5+A2 INSULATING GLASS UNITS



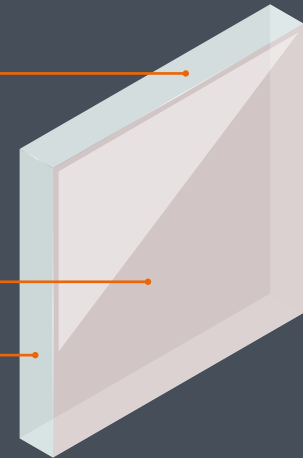
Classification: EW

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

T-EW30/6

FIRE RESISTANT COATING

TOUGHENED SAFETY GLASS



Fire resistance
EW30



Toughened
glass



Light
weight



Good sound
reduction



Impact resistance
1C1



Excellent light
transmission



Great
U-value



Wide
temp range

CHARACTERISTICS	T-EW30/6	T-EW30/6 VI 16mm SPACER 4mm LOW E COUNTERPANE**	T-EW30/6 VI RV 16mm SPACER 6mm FIRE RATED COUNTERPANE**	T-EW30/6 TVI 12mm SPACER 4mm FIRE RATED COUNTERPANES**	T-EW30/6 TVI RV 12mm spacer 4mm FIRE RATED COUNTERPANES**
FIRE RESISTANCE (EN 13501-2)	EW30 MONO-DIRECTION	EW30 MONO-DIRECTION	EW30 BI-DIRECTION	EW30 MONO-DIRECTION	EW30 BI-DIRECTION
GLASS PRODUCTION SIZE MIN - MAX (mm)	300 x 400 2040 x 3600	300 x 400 2040 x 3600	300 x 400 2040 x 3600	300 x 400 2040 x 3600	300 x 400 2040 x 3600
THICKNESS AND TOLERANCE (mm)	6 (-0.5/+0.5)	26 (-2/+3)	24 (-2/+3)	38 (-2.5/+3.5)	40 (-2.5/+3.5)
WEIGHT (kg/m²)	15	25	30	35	40
R _w (C;Ctr) SOUND REDUCTION (EN 140-3)	32 (-1;-2)	34 (-1;-3)	33 (-1;-4)	36 (-1;-5)	-
T _v LIGHT TRANSMISSION (EN 410) (%)	82	68	67	58	57
U _g VALUE (EN 673) W/m²K	3.6	1.0	1.3	0.7	0.8
g VALUE (EN 410)	0.73	0.47	0.63	0.37	0.41
TEMPERATURE RANGE (°C)	-100/+100	-	-	-	-
REACTION TO FIRE (EN 13501-1)	A1	-	-	-	-
IMPACT RESISTANCE (EN 12600)*	1C1	1C1	1C1	1C1	1C1
UV STABILITY (EN ISO 12543-4)	✓	✓	✓	✓	✓
CE CERTIFICATE OF CONFORMITY	1812-CPR-1640	1812-CPR-1641	1812-CPR-1641	1812-CPR-1641	1812-CPR-1641

*impact and attack resistance of counterpane not reported

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