

# Pyroguard Protect

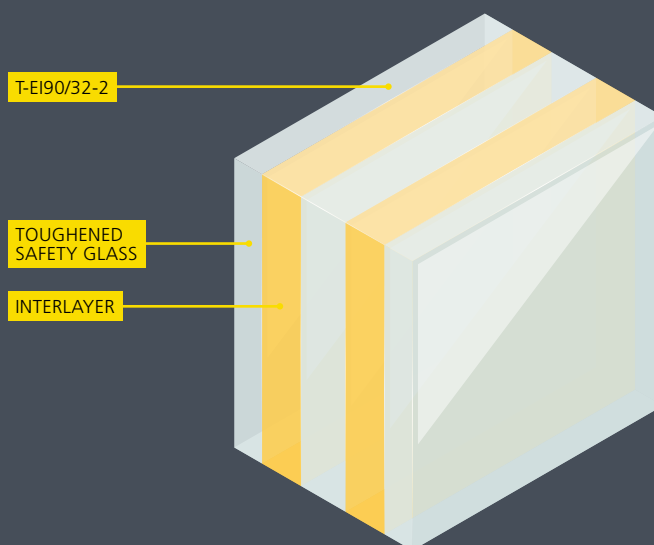
## • T-EI90/32-2

EN14449 LAMINATED SAFETY GLASS



### Classification: EI

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



Fire resistance  
EI90



Toughened  
glass



Weight  
66 kg/m<sup>2</sup>



Sound reduction  
43 dB



Impact resistance  
1B1



Light transmission  
80%



Temp range  
-10°C/+45°C



Reaction to fire  
A2-s1,d0



Attack resistance  
P1A

| CHARACTERISTICS                                   | T-EI90/32-2              |
|---------------------------------------------------|--------------------------|
| FIRE RESISTANCE (EN 13501-2)                      | EI90                     |
| GLASS PRODUCTION SIZE<br>MIN - MAX (mm)           | 300 x 400<br>1800 x 3500 |
| THICKNESS AND TOLERANCE (mm)                      | 32 (-1/+3)               |
| WEIGHT (kg/m <sup>2</sup> )                       | 66                       |
| R <sub>w</sub> (C;Ctr) SOUND REDUCTION (EN 140-3) | 43 (-2;-3)               |
| T <sub>v</sub> LIGHT TRANSMISSION (EN 410) (%)    | 80                       |
| U <sub>g</sub> VALUE (EN 673) W/m <sup>2</sup> K  | 5.0                      |
| g VALUE (EN 410)                                  | 0.63                     |
| TEMPERATURE RANGE (°C)                            | -10/+45                  |
| REACTION TO FIRE (EN 13501-1)                     | A2-s1,d0                 |
| ATTACK RESISTANCE (EN 356)                        | P1A                      |
| IMPACT RESISTANCE (EN 12600)                      | 1B1                      |
| UV STABILITY (EN ISO 12543-4)                     | ✓                        |
| CE CERTIFICATE OF CONFORMITY                      | 1812-CPR-1964            |
| ENVIRONMENTAL PRODUCT DECLARATION (EN 15804)      | ✓                        |