



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

**EN 14449**

**Laminated safety glass, intended to be used in buildings and construction works**  
**Thermally Toughened Safety Clear Float Glass + Transparent PVB + Thermally Toughened Safety Clear Float Glass,**  
**LAMEKS® 44.4**

**Characteristics**

|  |                            |
|--|----------------------------|
| <b>Resistance to fire</b>  | NPD                        |
| <b>Reaction to fire</b>  | NPD                        |
| <b>External fire behaviour</b>   | NPD                        |
| <b>Bullet resistance</b>   | NPD                        |
| <b>Explosion resistance</b>  | NPD                        |
| <b>Burglar resistance (EN 356)</b>   | P2A                        |
| <b>Pendulum body impact resistance</b>   | 1 (B) 1                    |
| <b>Resistance against sudden temperature changes and temperature differentials</b> | 200K                       |
| <b>Wind, snow, permanent and imposed load resistance of the glass unit</b>         | 44.4                       |
| <b>Direct airborne sound reduction</b>   | 33 (-1; - 3) dB            |
| <b>Thermal properties</b>  |                            |
| <b>U-value (EN 673)</b>  | 5,5 W / (m <sup>2</sup> K) |
| <b>Normal emissivity (EN 12898)</b>  | 0,89                       |
| <b>Radiation properties</b>  |                            |
| <b>Light transmission and reflection</b>   | 0,87 / 0,08                |
| <b>Solar energy characteristics</b>  | 0,68 / 0,06                |

*NPD: No Performance Determined*



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

EN 14449

Laminated safety glass, intended to be used in buildings and construction works  
Thermally Toughened Safety Clear Float Glass + Transparent PVB +  
Thermally Toughened Safety Clear Float Glass,  
LAMEKS® 55.4

**Characteristics**

|   |                            |
|---|----------------------------|
| Resistance to fire  | NPD                        |
| Reaction to fire  | NPD                        |
| External fire behaviour   | NPD                        |
| Bullet resistance   | NPD                        |
| Explosion resistance  | NPD                        |
| Burglar resistance (EN 356)   | P2A                        |
| Pendulum body impact resistance   | 1 (B) 1                    |
| Resistance against sudden temperature changes and temperature differentials | 200K                       |
| Wind, snow, permanent and imposed load resistance of the glass unit         | 55.4                       |
| Direct airborne sound reduction   | 34 (-1; - 3) dB            |
| Thermal properties  |                            |
| U-value (EN 673)  | 5,4 W / (m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 0,89                       |
| Radiation properties  |                            |
| Light transmission and reflection   | 0,85 / 0,08                |
| Solar energy characteristics  | 0,64 / 0,06                |

*NPD: No Performance Determined*



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

EN 14449

Laminated safety glass, intended to be used in buildings and construction works  
Thermally Toughened Safety Clear Float Glass + Transparent PVB + Thermally Toughened Safety Clear Float Glass,  
LAMEKS® 66.4

**Characteristics**

|   |                            |
|---|----------------------------|
| Resistance to fire  | NPD                        |
| Reaction to fire  | NPD                        |
| External fire behaviour   | NPD                        |
| Bullet resistance   | NPD                        |
| Explosion resistance  | NPD                        |
| Burglar resistance (EN 356)   | P2A                        |
| Pendulum body impact resistance   | 1 (B) 1                    |
| Resistance against sudden temperature changes and temperature differentials | 200K                       |
| Wind, snow, permanent and imposed load resistance of the glass unit         | 66.4                       |
| Direct airborne sound reduction   | 34 (-1; - 3) dB            |
| Thermal properties  |                            |
| U-value (EN 673)  | 5,3 W / (m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 0,89                       |
| Radiation properties  |                            |
| Light transmission and reflection   | 0,84 / 0,08                |
| Solar energy characteristics  | 0,61 / 0,06                |

*NPD: No Performance Determined*



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

EN 14449

Laminated safety glass, intended to be used in buildings and construction works  
Thermally Toughened Safety Clear Float Glass + Transparent PVB +  
Thermally Toughened Safety Clear Float Glass,  
LAMEKS® 88.4

**Characteristics**

|   |                            |
|---|----------------------------|
| Resistance to fire  | NPD                        |
| Reaction to fire  | NPD                        |
| External fire behaviour   | NPD                        |
| Bullet resistance   | NPD                        |
| Explosion resistance  | NPD                        |
| Burglar resistance (EN 356)   | P2A                        |
| Pendulum body impact resistance   | 1 (B) 1                    |
| Resistance against sudden temperature changes and temperature differentials | 200K                       |
| Wind, snow, permanent and imposed load resistance of the glass unit         | 88.4                       |
| Direct airborne sound reduction   | 34 (-1; - 3) dB            |
| Thermal properties  |                            |
| U-value (EN 673)  | 5,2 W / (m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 0,89                       |
| Radiation properties  |                            |
| Light transmission and reflection   | NPD                        |
| Solar energy characteristics  | NPD                        |

*NPD: No Performance Determined*



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

EN 14449

Laminated safety glass, intended to be used in buildings and construction works  
Thermally Toughened Safety Clear Float Glass + Transparent PVB+  
Thermally Toughened Safety Clear Float Glass,  
LAMEKS® 1010.4

**Characteristics**

|   |                            |
|---|----------------------------|
| Resistance to fire  | NPD                        |
| Reaction to fire  | NPD                        |
| External fire behaviour   | NPD                        |
| Bullet resistance   | NPD                        |
| Explosion resistance  | NPD                        |
| Burglar resistance (EN 356)   | P2A                        |
| Pendulum body impact resistance   | 1 (B) 1                    |
| Resistance against sudden temperature changes and temperature differentials | 200K                       |
| Wind, snow, permanent and imposed load resistance of the glass unit         | 1010.4                     |
| Direct airborne sound reduction   | 34 (-1; - 3) dB            |
| Thermal properties  |                            |
| U-value (EN 673)  | 5,1 W / (m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 0,89                       |
| Radiation properties  |                            |
| Light transmission and reflection   | NPD                        |
| Solar energy characteristics  | NPD                        |

NPD: *No Performance Determined*



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
07

EN 14449

Laminated safety glass, intended to be used in buildings and construction works  
Thermally Toughened Safety Clear Float Glass + Transparent PVB + Thermally Toughened Safety Clear Float Glass,  
LAMEKS® 1212.4

**Characteristics**

|   |                            |
|---|----------------------------|
| Resistance to fire  | NPD                        |
| Reaction to fire  | NPD                        |
| External fire behaviour   | NPD                        |
| Bullet resistance   | NPD                        |
| Explosion resistance  | NPD                        |
| Burglar resistance (EN 356)   | P2A                        |
| Pendulum body impact resistance   | 1 (B) 1                    |
| Resistance against sudden temperature changes and temperature differentials | 200K                       |
| Wind, snow, permanent and imposed load resistance of the glass unit         | 1212.4                     |
| Direct airborne sound reduction   | 34 (-1; - 3) dB            |
| Thermal properties  |                            |
| U-value (EN 673)  | 5,0 W / (m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 0,89                       |
| Radiation properties  |                            |
| Light transmission and reflection   | NPD                        |
| Solar energy characteristics  | NPD                        |

NPD: *No Performance Determined*