



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
10

#### EN 1863-2

Heat strengthened soda lime silicate glass, intended to be used  
in buildings and construction works, 6mm HELIO® Bronze

#### Characteristics

|  |                          |
|--|--------------------------|
| Resistance to fire   | NPD                      |
| Reaction to fire   | A1                       |
| External fire behaviour  | NPD                      |
| Bullet resistance  | NPD                      |
| Explosion resistance   | NPD                      |
| Burglar resistance   | NPD                      |
| Pendulum body impact resistance  | NPD                      |
| Resistance against sudden temperature<br>changes and temperature differentials | 100K                     |
| Wind, snow, permanent and imposed load<br>resistance of the glass unit         | 6mm                      |
| Direct airborne sound reduction  | 31 (-2; -3) dB           |
| Thermal properties   |                          |
| U-value (EN 673)   | 5,7 W/(m <sup>2</sup> K) |
| Normal emissivity (EN 12898)   | 0,89                     |
| Radiation properties   |                          |
| Light transmission and reflection  | 0,50/0,05/0,05           |
| Solar energy characteristics   | 0,48/0,05/0,05           |

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.  
Adres: İş Kuleleri Kule 3 34330  
4.Levent- İSTANBUL/TÜRKİYE  
10

#### EN 1863-2

Heat strengthened soda lime silicate glass, intended to be used  
in buildings and construction works, 8mm HELIO® Bronze

#### Characteristics

|  |                          |
|--|--------------------------|
| Resistance to fire   | NPD                      |
| Reaction to fire   | A1                       |
| External fire behaviour  | NPD                      |
| Bullet resistance  | NPD                      |
| Explosion resistance   | NPD                      |
| Burglar resistance   | NPD                      |
| Pendulum body impact resistance  | NPD                      |
| Resistance against sudden temperature<br>changes and temperature differentials | 100K                     |
| Wind, snow, permanent and imposed load<br>resistance of the glass unit         | 8mm                      |
| Direct airborne sound reduction  | 32 (-2; -3) dB           |
| Thermal properties   |                          |
| U-value (EN 673)   | 5,6 W/(m <sup>2</sup> K) |
| Normal emissivity (EN 12898)   | 0,89                     |
| Radiation properties   |                          |
| Light transmission and reflection  | 0,41/0,05/0,05           |
| Solar energy characteristics   | 0,39/0,05/0,05           |

NPD: No Performance Determined