



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 3mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	3mm
Direct airborne sound reduction	28 (-1; -4) dB
Thermal properties	
U-value (EN 673)	5,8 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,81/0,07/0,07
Solar energy characteristics	0,60/0,06/0,06

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 4mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	4mm
Direct airborne sound reduction	29 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,7 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,78/0,07/0,07
Solar energy characteristics	0,52/0,06/0,06

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 5mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	5mm
Direct airborne sound reduction	30 (-1; -2) dB
Thermal properties	
U-value (EN 673)	5,7 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,75/0,07/0,07
Solar energy characteristics	0,47/0,05/0,05

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 6mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	6mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,7 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,72/0,07/0,07
Solar energy characteristics	0,43/0,05/0,05

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 8mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	8mm
Direct airborne sound reduction	32 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,6 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,68/0,07/0,07
Solar energy characteristics	0,37/0,05/0,05

NPD: No Performance Determined



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
06

EN 572-9

Basic soda lime silicate float glass, intended to be used in buildings and construction works, 10mm HELIO® Green

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 changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance of the glass unit	10mm
Direct airborne sound reduction	33 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,6 W/(m ² K)
Normal emissivity (EN 12898)	0,89
Radiation properties	
Light transmission and reflection	0,63/0,06/0,06
Solar energy characteristics	0,32/0,05/0,05

NPD: No Performance Determined