



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

EN 1096-4

Off-line coated glass, intended to be used in buildings and construction works, 6 mm ISS 108 Silver on Clear

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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,6 W/(m ² K)
Normal emissivity (EN 12898)	0,43
Radiation properties	
Light transmission and reflection	0,08/0,37/0,48
Solar energy characteristics	0,07/0,40/0,37

NPD: No Performance Determined



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EN 1096-4

Off-line coated glass, intended to be used in buildings and construction works, 4 mm ISS 114 Silver on Clear

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	NPD
Wind, snow, permanent and imposed load resistance of the glass unit	4 mm
Direct airborne sound reduction	29 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,9 W/(m ² K)
Normal emissivity (EN 12898)	0,56
Radiation properties	
Light transmission and reflection	0,16/0,35/0,34
Solar energy characteristics	0,15/0,35/0,29

NPD: No Performance Determined



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EN 1096-4

Off-line coated glass, intended to be used in buildings and construction works, 6 mm ISS 114 Silver on Clear

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	NPD
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,9 W/(m ² K)
Normal emissivity (EN 12898)	0,56
Radiation properties	
Light transmission and reflection	0,15/0,33/0,35
Solar energy characteristics	0,13/0,34/0,27

NPD: No Performance Determined



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EN 1096-4

Off-line coated thermally toughened safety glass, intended to be used in buildings and construction works, 6 mm ISS 214 Silver on 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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,9 W/(m ² K)
Normal emissivity (EN 12898)	0,56
Radiation properties	
Light transmission and reflection	0,12/0,34/0,26
Solar energy characteristics	0,07/0,35/0,14

NPD: No Performance Determined



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EN 1096-4

Off-line coated thermally toughened safety glass, intended to be used in buildings and construction works, 6 mm ISS 314 Silver on Helio® Gray

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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,9 W/(m ² K)
Normal emissivity (EN 12898)	0,56
Radiation properties	
Light transmission and reflection	0,07/0,34/0,12
Solar energy characteristics	0,07/0,35/0,13

NPD: No Performance Determined



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EN 1096-4

Off-line coated thermally toughened safety glass, intended to be used in buildings and construction works, 6 mm ISS 514 Silver on Helio® Blue

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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	4,9 W/(m ² K)
Normal emissivity (EN 12898)	0,56
Radiation properties	
Light transmission and reflection	0,09/0,33/0,17
Solar energy characteristics	0,07/0,34/0,13

NPD: No Performance Determined



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EN 1096-4

Off-line coated thermally toughened safety glass, intended to be used in buildings and construction works, 6 mm ISS 120 Silver on Clear

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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,0 W/(m ² K)
Normal emissivity (EN 12898)	0,60
Radiation properties	
Light transmission and reflection	0,21/0,27/0,27
Solar energy characteristics	0,19/0,28/0,21

NPD: No Performance Determined



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EN 1096-4

Off-line coated thermally toughened safety glass, intended to be used in buildings and construction works, 6 mm ISS 130 Silver on Clear

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	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance of the glass unit	6 mm
Direct airborne sound reduction	31 (-2; -3) dB
Thermal properties	
U-value (EN 673)	5,2 W/(m ² K)
Normal emissivity (EN 12898)	0,67
Radiation properties	
Light transmission and reflection	0,31/0,17/0,21
Solar energy characteristics	0,28/0,19/0,16

NPD: No Performance Determined