

Solar and thermal control glass

SunGuard® High Selective
Outstanding selectivity.
Highest transparency.

**One
Process** >>>

All types of the SunGuard® High
Selective series are also available
as toughened safety glass.

Solar and thermal control glass

SunGuard® High Selective

Exceptional transparency and selectivity with excellent thermal insulation.

Architects, investors and owners often choose glass coating that offer very high natural light transmission while ensuring energy savings. SunGuard® High Selective products meet these requirements. The multifunctional coating optimises daylight transmittance offering at the same time excellent solar and thermal protection properties.

The advantages of SunGuard® High Selective at a glance – based on Guardian ExtraClear™ float glass:

- Very neutral appearance as to reflectivity and transparency
- Highly selective for minimised solar energy transmission together with maximum transparency
- Tempered version available
- Fast processing to toughened safety glass is possible (One Process)
- Available as laminated safety glass, later lamination is also possible



Solar and thermal control glass

SunGuard® High Selective

Super Neutral 70

Glazing: 6-16-4
 Outboard substrate: ExtraClear
 Inboard substrate: ExtraClear
 Exterior appearance: Neutral

Visible light			Solar energy			Solar factor (g)		U-value (EN 673)	
Trans- mission [%]	Reflection outside [%]	Reflection inside [%]	Direct trans- mission [%]	Reflection outside [%]	Absorp. [%]	EN 410 [%]	DIN 67 507 [%]	Air [W/m²K]	Argon 90% [W/m²K]
70	11	12	39	34	28	41	38	1.4	1.1

Glazing: 6-16-4, SunGuard® on #2.

Super Neutral 62

Glazing: 6-16-4
 Outboard substrate: ExtraClear
 Inboard substrate: ExtraClear
 Exterior appearance: Neutral

Visible light			Solar energy			Solar factor (g)		U-value (EN 673)	
Trans- mission [%]	Reflection outside [%]	Reflection inside [%]	Direct trans- mission [%]	Reflection outside [%]	Absorp. [%]	EN 410 [%]	DIN 67 507 [%]	Air [W/m²K]	Argon 90% [W/m²K]
62	15	17	32	37	31	34	32	1.3	1.1

Glazing: 6-16-4, SunGuard® on #2.

Solar and thermal control glass

SunGuard® High Selective

Super Neutral 51

Glazing: 6-16-4
 Outboard substrate: ExtraClear
 Inboard substrate: ExtraClear
 Exterior appearance: Neutral Blue

Visible light			Solar energy			Solar factor (g)		U-value (EN 673)	
Trans- mission [%]	Reflection outside [%]	Reflection inside [%]	Direct trans- mission [%]	Reflection outside [%]	Absorp. [%]	EN 410 [%]	DIN 67 507 [%]	Air [W/m²K]	Argon 90% [W/m²K]
51	12	23	26	37	37	28	26	1.3	1.1

Glazing: 6-16-4, SunGuard® on #2

Super Neutral 40

Glazing: 6-16-4
 Outboard substrate: ExtraClear
 Inboard substrate: ExtraClear
 Exterior appearance: Neutral Blue

Visible light			Solar energy			Solar factor (g)		U-value (EN 673)	
Trans- mission [%]	Reflection outside [%]	Reflection inside [%]	Direct trans- mission [%]	Reflection outside [%]	Absorp. [%]	EN 410 [%]	DIN 67 507 [%]	Air [W/m²K]	Argon 90% [W/m²K]
40	16	32	21	36	43	23	22	1.3	1.1

Glazing: 6-16-4, SunGuard® on #2.

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For any further questions, please do not hesitate to give us a call. We'll be glad to inform you.

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