

PERFORMANCE & ACOUSTICAL DATA



PERFORMANCE DATA

SageGlass® dynamic glass, a product of Saint-Gobain, is available in a variety of tinted or coated substrates to coordinate with the exterior aesthetics of your building. The performance data for select argon-filled SageGlass products is provided below.

SAGEGLASS CLEAR

4mm clear w/SR2.0, 0.89mm SentryGlas, 2.2mm SageGlass, 12mm air space w/90% Argon fill, 6mm clear

Level of Tint	Inner Lite	%Tvis	%Rf Ext.	%Rb Int.	%Tsol	SHGC	U-factor btu/hr.ft ² .°F	%Tuv	%Tdw-K
Clear State	6 mm Clear	60	16	14	33	0.41	0.28	0	15
Intermediate State 1	6 mm Clear	18	10	9	7	0.15	0.28	0	5
Intermediate State 2	6 mm Clear	6	10	9	2	0.10	0.28	0	2
Fully Tinted	6 mm Clear	1	11	9	0.4	0.09	0.28	0	0.6

SAGEGLASS BLUE

6mm blue, 0.89mm SentryGlas, 2.2mm SageGlass, 10mm air space w/90% Argon fill, 6mm clear

Level of Tint	Inner Lite	%Tvis	%Rf Ext.	%Rb Int.	%Tsol	SHGC	U-factor btu/hr.ft ² .°F	%Tuv	%Tdw-K
Clear State	6 mm Clear	40	7	10	21	0.30	0.29	0	12
Intermediate State 1	6 mm Clear	19	5	9	8	0.17	0.29	0	7
Intermediate State 2	6 mm Clear	7	5	9	3	0.13	0.29	0	3
Fully Tinted	6 mm Clear	< 1	5	9	0.3	0.10	0.29	0	0.4

SAGEGLASS GRAY

6mm gray, 0.89mm SentryGlas, 2.2mm SageGlass, 10mm air space w/90% Argon fill, 6mm clear

Level of Tint	Inner Lite	%Tvis	%Rf Ext.	%Rb Int.	%Tsol	SHGC	U-factor btu/hr.ft ² .°F	%Tuv	%Tdw-K
Clear State	6 mm Clear	45	7	11	23	0.33	0.29	0	12
Intermediate State 1	6 mm Clear	19	5	9	8	0.20	0.29	0	6
Intermediate State 2	6 mm Clear	6	5	9	2	0.12	0.29	0	3
Fully Tinted	6 mm Clear	< 1	5	9	0.2	0.10	0.29	0	0.3

SAGEGLASS GREEN

6mm green, 0.89mm SentryGlas, 2.2mm SageGlass, 10mm air space w/90% Argon fill, 6mm clear

Level of Tint	Inner Lite	%Tvis	%Rf Ext.	%Rb Int.	%Tsol	SHGC	U-factor btu/hr.ft ² .°F	%Tuv	%Tdw-K
Clear State	6 mm Clear	49	8	11	18	0.27	0.29	0	14
Intermediate State 1	6 mm Clear	21	5	9	7	0.17	0.29	0	7
Intermediate State 2	6 mm Clear	7	5	9	3	0.12	0.29	0	3
Fully Tinted	6 mm Clear	< 1	5	9	0.3	0.10	0.29	0	0.4

ACOUSTICAL DATA

SageGlass® dynamic glass is offered in a variety of make-up configurations to meet the needs of our customers. Below is the acoustical data for select SageGlass configurations.



SAGEGLASS DOUBLE-PANE PRODUCT

Outboard Lite	Cavity	Inboard Lite	STC +/- 1 dB	OITC +/- 1 dB
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Argon fill	6mm	32	26
4 mm / 0.89 SentryGlas / 2.2 mm	10.2 mm Argon fill	6mm	32	27
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm	31	25
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	3mm / 1.5mm PVB / 3mm	33	26
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Argon fill	3mm / 1.5mm PVB / 3mm	33	27
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	4mm / 1.5mm PVB / 4mm	37	30
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Argon fill	4mm / 1.5mm PVB / 4mm	36	29
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	5mm / 1.5mm PVB / 5mm	38	31
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Argon fill	5mm / 1.5mm PVB / 5mm	37	31
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm / 1.5mm PVB / 6mm	38	32
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Argon fill	6mm / 1.5mm PVB / 6mm	38	32
6 mm / 0.89 SentryGlas / 2.2 mm	10.2 mm Air fill	6mm	31	26
6 mm / 0.89 SentryGlas / 2.2 mm	10.2 mm Argon fill	6mm	33	28
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	3mm / 1.5mm PVB / 3mm	35	27
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	4mm / 1.5mm PVB / 4mm	35	27
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	5mm / 1.5mm PVB / 5mm	38	32
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm / 1.5mm PVB / 6mm	40	32

SAGEGLASS TRIPLE-PANE PRODUCT

Outboard Lite	Cavity 1	Center Pane	Cavity 2	Inboard Lite	STC +/- 1 dB	OITC +/- 1 dB
4 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm	12.2 mm Air fill	6mm	33	23
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm	12.2 mm Air fill	6mm	33	27
6 mm / 0.89 SentryGlas / 2.2 mm	12.2 mm Air fill	6mm	12.2 mm Air fill	6mm / 1.5mm PVB / 6mm	42	31

SAGEGLASS

The pioneer of the world's smartest electrochromic glass, SageGlass® is the ultimate connector between the built and natural environments. SageGlass tints on demand to optimize daylight, reduce glare and manage heat - all while maintaining unobstructed views of the outdoors. With SageGlass, architects and building owners can improve occupant comfort and reduce energy demand in buildings. As a wholly owned subsidiary of Saint-Gobain, SageGlass is backed by more than 350 years of building science expertise. Learn more at www.SageGlass.com or join SageGlass on Twitter, Facebook and LinkedIn.



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