

Guardian Coated Glass 2025

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Unit Substrates: Where product declares UltraClear™ is used, the whole unit uses UltraClear™ substrate. For all other units ExtraClear is used.

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (τe)	Reflection Outside (ρe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
SunGuard® eXtraSelective												
Double Glazed: 6-16-4 SunGuard® eXtraSelective on Surface #2, 90% Argon												
SNX 70	68	13	15	93.4	30	44	26	32	0.36	1.0	Neutral	Yes
SNX 60	60	13	13	93.2	27	38	35	29	0.34	1.0	Neutral	Yes
SNX 50	50	10	13	89.6	22	36	42	24	0.28	1.0	Neutral	Yes
SNX 70 (UltraClear)	68	13	14	94.8	31	50	19	32	0.37	1.0	Neutral	Yes
SNX 60 (UltraClear)	60	13	13	94.7	28	44	28	29	0.34	1.0	Neutral	Yes
SNX 50 (UltraClear)	50	10	12	91.1	22	42	36	24	0.28	1.0	Neutral	Yes
Triple Glazed: 6-16-4-16-4 SunGuard® eXtraSelective on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
SNX 70	61	15	18	92.4	27	45	29	29	0.34	0.5	Neutral	Yes
SNX 60	54	15	16	92.3	24	39	37	27	0.31	0.5	Neutral	Yes
SNX 50	45	11	16	88.8	20	37	44	22	0.25	0.5	Neutral	Yes
SNX 70 (UltraClear)	62	15	17	94.4	28	51	21	30	0.34	0.5	Neutral	Yes
SNX 60 (UltraClear)	54	15	16	94.3	25	45	30	27	0.31	0.5	Neutral	Yes
SNX 50 (UltraClear)	45	11	16	90.8	20	43	38	22	0.25	0.5	Neutral	Yes
SunGuard® SuperNeutral												
Double Glazed: 6-16-4 SunGuard® SuperNeutral on Surface #2, 90% Argon												
SN 75	75	13	14	94.7	38	39	23	40	0.46	1.0	Neutral	Yes
SN 70S	70	11	13	94.7	37	38	25	39	0.45	1.0	Neutral	Yes
SN 70/37	70	11	12	93.3	35	39	26	37	0.42	1.0	Neutral	Yes
SN 70/35	70	14	15	94.4	33	42	25	35	0.4	1.0	Neutral, Blue	Yes
SN 63	63	12	16	92	31	37	31	33	0.38	1.0	Neutral	Yes
SN 51	51	14	13	91.4	25	37	37	27	0.32	1.0	Neutral	Yes
SN 40/23	40	16	32	91	21	36	43	23	0.27	1.0	Neutral, Blue	Yes
SN 29/18	29	17	27	89.6	16	33	52	18	0.21	1.1	Neutral, Blue	Yes
SN 75 (UltraClear)	76	13	14	95	40	44	16	41	0.47	1.0	Neutral	Yes
SN 70/37 (UltraClear)	71	11	12	94.7	36	45	19	37	0.43	1.0	Neutral	Yes
SN 70/35 (UltraClear)	71	13	15	94.8	34	49	18	35	0.4	1.0	Neutral, Blue	Yes
SN 63 (UltraClear)	63	12	16	93.5	32	43	24	34	0.39	1.0	Neutral	Yes
SN 51 (UltraClear)	51	14	13	92.9	26	43	31	28	0.32	1.0	Neutral	Yes

Continued next page

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (τe)	Reflection Outside (ρe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
Triple Glazed: 6-16-4-16-4 SunGuard® SuperNeutral on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
SN 75	68	16	17	94	33	40	27	37	0.42	0.5	Neutral	Yes
SN 70S	64	14	17	93.8	32	40	28	36	0.41	0.5	Neutral	Yes
SN 70/37	64	14	16	92.4	31	40	30	34	0.39	0.5	Neutral	Yes
SN 70/35	64	16	18	93.7	29	43	28	32	0.37	0.5	Neutral, Blue	Yes
SN 63	57	14	19	91.2	28	38	34	31	0.35	0.5	Neutral	Yes
SN 51	46	15	17	90.5	22	38	40	25	0.29	0.5	Neutral	Yes
SN 40/23	37	16	32	90.3	19	36	45	21	0.24	0.5	Neutral, Blue	Yes
SN 29/18	26	18	28	88.7	13	33	53	16	0.18	0.6	Neutral, Blue	Yes
SN 75 (UltraClear)	69	16	17	94.7	35	46	19	38	0.43	0.5	Neutral	Yes
SN 70/37 (UltraClear)	64	14	16	94.4	32	46	22	35	0.4	0.5	Neutral	Yes
SN 70/35 (UltraClear)	64	16	18	94.4	30	50	20	33	0.38	0.5	Neutral, Blue	Yes
SN 63 (UltraClear)	57	14	19	93.3	29	44	27	31	0.36	0.5	Neutral	Yes
SN 51 (UltraClear)	46	15	17	92.6	23	44	33	25	0.29	0.5	Neutral	Yes
Guardian ViewBoost												
Double Glazed: 6-16-4 Guardian ViewBoost on Surface #3, 90% Argon, ViewBoost on Surface #4												
SNX 70 with Guardian ViewBoost	72	7	5	95.3	33	36	31	35	0.4	1.0	Neutral	Yes
SN 75 with Guardian ViewBoost	78	7	7	96.2	40	35	25	42	0.48	1.0	Neutral	Yes
Triple Glazed: 6-16-4-16-4 Guardian ViewBoost on Surface #3, 90% Argon, ViewBoost on Surface #4												
SNX 70 with Guardian ViewBoost	65	9	10	94.4	29	37	34	32	0.37	0.5	Neutral	Yes
SN 75 with Guardian ViewBoost	71	10	11	95.2	35	37	28	39	0.44	0.5	Neutral	Yes
SunGuard® High Performance												
Double Glazed: 6-16-4 SunGuard® High Performance on Surface #2, 90% Argon												
HP Amber 41/29	41	25	17	87	27	37	37	29	0.34	1.1	Bronze	No
HP Bright Green 40/29	37	39	23	98	26	26	49	29	0.33	1.2	Green	No
HP Light Blue 62/52	62	16	12	95.5	48	17	35	52	0.59	1.5	Neutral, Blue	No
HP Neutral 41/33	41	22	12	91	29	25	46	33	0.38	1.4	Neutral	No
HP Neutral 50/32	50	26	23	94.3	30	40	30	32	0.37	1.1	Neutral	No

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (τe)	Reflection Outside (ρe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
HP Neutral 60/40	56	24	17	95	37	34	29	39	0.45	1.2	Neutral	No
HP Royal Blue 41/29	40	27	27	94.7	26	31	43	29	0.33	1.1	Blue	No
HP Silver 35/26	35	44	23	97.9	24	43	33	27	0.3	1.2	Silver	No
HP Silver 43/31	43	32	16	95.1	29	37	35	31	0.36	1.2	Silver	No
HP Bronze 40/27	40	15	26	89.6	24	27	49	27	0.31	1.1	Bronze	No
HP Neutral 50/32 (UltraClear)	51	26	23	95.6	32	45	23	33	0.38	1.1	Neutral	No
Triple Glazed: 6-16-4-16-4 SunGuard® High Performance on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
HP Amber 41/29	37	26	20	86.5	22	38	40	26	0.29	0.6	Bronze	No
HP Bright Green 40/29	34	40	25	97.2	21	27	53	25	0.28	0.6	Green	No
HP Light Blue 62/52	56	18	15	94.6	36	21	43	42	0.48	0.7	Neutral, Blue	No
HP Neutral 41/33	37	23	16	90.4	23	26	51	27	0.31	0.6	Neutral	No
HP Neutral 50/32	46	27	25	93.3	25	41	34	29	0.33	0.6	Neutral	No
HP Neutral 60/40	51	25	20	94.1	30	36	34	34	0.4	0.6	Neutral	No
HP Royal Blue 41/29	36	28	28	93.8	21	32	47	25	0.29	0.6	Blue	No
HP Silver 35/26	32	44	25	97	19	44	36	23	0.26	0.6	Silver	No
HP Silver 43/31	39	33	19	94.1	23	38	39	27	0.31	0.6	Silver	No
HP Bronze 40/27	36	16	27	88.9	20	27	52	24	0.27	0.6	Bronze	No
HP Neutral 50/32 (UltraClear)	46	27	24	95.2	27	46	27	30	0.34	0.6	Neutral	No
SunGuard® Solar												
Double Glazed: 6-16-4 SunGuard® Solar on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #3												
Solar Bright Green 20	19	35	11	95.7	12	20	69	16	0.18	1.1	Green	No
Solar Bronze 20	19	17	14	93.3	12	20	69	16	0.18	1.1	Bronze	No
Solar Gold 20	21	26	13	95.1	13	17	70	17	0.19	1.1	Gold	No
Solar Grey 20	19	10	7	96.4	13	12	76	18	0.2	1.1	Gray	No
Triple Glazed: 6-16-4-16-4 SunGuard® Solar on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
Solar Bright Green 20	17	35	17	95.7	11	20	70	14	0.16	0.8	Green	No
Solar Bronze 20	18	17	19	92.9	10	20	70	14	0.16	0.8	Bronze	No
Solar Gold 20	19	27	19	94.7	11	17	71	15	0.17	0.8	Gold	No
Solar Grey 20	17	11	13	95.7	12	12	77	15	0.18	0.8	Gray	No

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (te)	Reflection Outside (pe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
SunGuard® High Durable												
Double Glazed: 6-16-4 SunGuard® High Durable on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #3												
HD Diamond 66	60	34	33	99.1	45	40	15	50	0.57	1.1	Silver	No
HD Light Blue 52	47	19	20	97.9	34	21	45	39	0.45	1.1	Blue	No
HD Neutral 67	59	18	20	98.4	42	25	33	48	0.55	1.1	Neutral	No
HD Royal Blue 20	20	22	32	97.8	14	22	64	18	0.21	1.1	Blue	No
HD Silver 10	9	44	37	96.9	7	39	55	10	0.12	1.1	Silver	No
HD Silver 20	19	34	28	93.3	13	30	56	17	0.2	1.1	Silver	No
HD Silver 70	64	29	29	97	46	37	17	51	0.59	1.1	Silver	No
HD Silver Grey 32	30	24	24	95.8	21	22	57	26	0.3	1.1	Gray, Silver	No
Monolithic: 6 SunGuard® High Durable on Surface #2												
HD Diamond 66	66	32	33	98.8	67	24	8	69	0.8	5.7	Silver	No
HD Light Blue 52	52	17	17	98.9	50	14	36	58	0.67	5.5	Blue	No
HD Neutral 67	66	16	18	99.2	63	13	24	68	0.79	5.7	Neutral	No
HD Royal Blue 20	21	22	32	98.2	19	21	60	32	0.36	4.9	Blue	No
HD Silver 10	10	44	38	97.6	10	38	52	20	0.23	4.7	Silver	No
HD Silver 20	20	34	28	93.7	19	29	52	29	0.34	5.0	Silver	No
HD Silver 70	70	27	28	96.5	69	21	10	72	0.82	5.6	Silver	No
HD Silver Grey 32	33	23	22	96.4	31	19	50	42	0.48	5.3	Gray, Silver	No
Triple Glazed: 6-16-4-16-4 SunGuard® High Durable on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
HD Diamond 66	56	38	36	98.6	41	40	20	46	0.53	0.9	Silver	No
HD Light Blue 52	44	21	24	97.2	30	21	48	36	0.41	0.8	Blue	No
HD Neutral 67	55	22	25	97.8	38	25	37	44	0.5	0.9	Neutral	No
HD Royal Blue 20	18	22	35	97.6	13	22	66	16	0.19	0.8	Blue	No
HD Silver 10	9	44	39	96.4	6	39	55	9	0.1	0.8	Silver	No
HD Silver 20	17	35	32	92.9	12	30	58	15	0.18	0.8	Silver	No
HD Silver 70	59	33	32	97.5	42	37	22	47	0.54	0.9	Silver	No
HD Silver Grey 32	27	25	28	95.2	19	22	59	24	0.27	0.8	Gray, Silver	No

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (τe)	Reflection Outside (ρe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
ClimaGuard												
Double Glazed: 4-16-4 ClimaGuard on Surface #2, 90% Argon												
ClimaGuard Solar	67	27	24	96	41	43	16	42	0.49	1.0	Neutral	Yes
Double Glazed: 4-16-4 ClimaGuard on Surface #3, 90% Argon												
ClimaGuard 1.0+	76	18	18	96.3	47	39	15	53	0.6	1.0	Neutral	Yes
ClimaGuard Neutral 70	71	11	12	95.9	52	23	25	67	0.77	1.4	Neutral	No
ClimaGuard Premium2	82	12	13	98.1	58	28	14	64	0.73	1.1	Neutral	Yes
ClimaGuard Premium2 (UltraClear)	82	12	12	99.2	61	31	8	66	0.76	1.1	Neutral	Yes
Triple Glazed: 4-16-4-16-4 ClimaGuard on Surface #1, 90% Argon, ClimaGuard® 1.0+ T on Surface #3, 90% Argon, ClimaGuard® 1.0+ on Surface #5												
ClimaGuard Dry	62	24	26	93	33	40	27	41	0.47	0.5	Neutral	No
Triple Glazed: 4-16-4-16-4 ClimaGuard on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5 (excluding ClimaGuard® 1.0+ which uses ClimaGuard® 1.0+ on Surface #5)												
ClimaGuard 1.0+	64	25	25	93.6	34	47	20	39	0.45	0.5	Neutral	Yes
ClimaGuard Premium2	74	16	16	97.1	47	33	21	53	0.61	0.6	Neutral	Yes
ClimaGuard Solar	61	29	26	95	34	45	20	39	0.44	0.5	Neutral	Yes
ClimaGuard Premium2 (UltraClear)	75	16	16	98.6	50	37	13	54	0.62	0.6	Neutral	Yes
Guardian Sun®												
Double Glazed: 4-16-4 Guardian Sun® on Surface #2, 90% Argon												
Guardian Sun	70	19	17	94.4	41	39	20	43	0.49	1.1	Neutral	Yes
Guardian Sun 35	71	14	16	94.6	33	45	21	35	0.4	1.0	Neutral	Yes
Guardian Sun 39	71	11	13	95.1	37	41	22	39	0.45	1.0	Neutral	Yes
Triple Glazed: 4-16-4-16-4 Guardian Sun® on Surface #2, 90% Argon, ClimaGuard® Premium2 on Surface #5												
Guardian Sun	63	22	20	93.6	35	39	24	39	0.45	0.6	Neutral	Yes
Guardian Sun 35	64	16	18	93.9	29	41	24	32	0.37	0.5	Neutral	Yes
Guardian Sun 39	64	14	17	94.2	32	39	25	36	0.41	0.5	Neutral	Yes
Guardian Clarity™												
Monolithic: 6 Guardian Clarity™ on Surface #1 #2												
Clarity Neutral	98	1	1	99.5	85	11	4	86	0.98	5.6	Neutral	No

Product	Visible Light				Solar Energy					U-value (W/m²·K)	Appearances	Edge deletion
	Transmittance (τv)	Reflection Outside (ρv)	Reflection Inside (ρv)	Colour rendering Index (Ra)	Direct Transmission (te)	Reflection Outside (pe)	Solar Absorption (αe)	Solar Factor (g)	Shading Coefficient (sc)			
Guardian PureSight™												
Monolithic: 6 Guardian PureSight™ on Surface #1 #2												
PureSight	97	1	1	99.1	80	14	7	81	0.93	5.6	Neutral	No
Guardian ExtraClear®												
Monolithic: 4 Guardian ExtraClear®												
ExtraClear	91	8	8	99.2	87	8	6	88	1.01	5.8	Neutral	No
Guardian UltraClear®												
Monolithic: 4 Guardian UltraClear®												
UltraClear	91	8	8	99.6	90	8	2	90	1.04	5.8	Neutral	No
Guardian NEXA™												
Monolithic: 4 Guardian NEXA™												
NEXA 6	91	8	8	99.2	87	8	6	88	1.01	5.8	Neutral	No
NEXA 9	91	8	8	99.2	87	8	6	88	1.01	5.8	Neutral	No
Guardian LamiGlass® Acoustic												
Monolithic Laminated Acoustic: 4-0.76-0.762-4 Guardian LamiGlass® Acoustic, 100% Air												
LamiGlass Acoustic	90	8	8	98.4	76	7	17	80	0.92	5.5	Neutral	No
LamiGlass Acoustic (UltraClear)	90	8	8	99.5	81	8	11	84	0.96	5.5	Neutral	No
Guardian LamiGlass® ExtraClear												
Monolithic Laminate: 33.1 Guardian LamiGlass® ExtraClear, 100% Air												
LamiGlass ExtraClear	90	8	8	98.8	79	8	14	82	0.94	5.6	Neutral	No
Guardian LamiGlass® UltraClear®												
Monolithic Laminate: 33.1 Guardian LamiGlass® UltraClear®, 100% Air												
LamiGlass UltraClear Neutral	90	8	8	99.6	83	8	9	85	0.98	5.6	Neutral	No

Spandrel Equivalence

Product	Edge deletion	Monolithic Glass		Insulating Glass (Coating on #2 & Enamel on #4)
		Coated glass	Enameled	
SunGuard® eXtraSelective				
Double Glazed: 6-16-4 SunGuard® eXtraSelective on Surface #2, 90% Argon				
SNX 70	Yes	SG HD Light Blue 52	Clear + WO-E-14-7065 (Greyish) / RAL 7011 / 7043 Clear + WO-B-14-7066 (Blueish) / RAL 5007 / 5009	SG SNX 70 HT
SNX 60	Yes	SG HD Royal Blue 20	Clear float glass + WO-B-14-7067 / RAL 5023 SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG SNX 60
SNX 50	Yes	SG HD Royal Blue 20	Clear float glass + WO-B-14-7067 / RAL 5023 SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG SNX 50
SunGuard® SuperNeutral				
Double Glazed: 6-16-4 SunGuard® SuperNeutral on Surface #2, 90% Argon				
SN 75	Yes	--	Clear + WO-E-14-7065 (Greyish) / RAL 7011 / 7043 Clear + WO-B-14-7066 (Blueish) / RAL 5007 / 5009	SG SN 75
SN 70S	Yes	--	Clear + WO-E-14-7063 / RAL 7011 / 7031	SG SN 70S
SN 70/37	Yes	--	Clear + WO-E-14-7063 / RAL 7011 / 7031	SG SN 70/37
SN 70/35	Yes	--	Clear + WO-B-14-7067 / RAL 5023	SG SN 70/35
SN 63	Yes	SG HD Light Blue 52	Clear + WO-B-14-7064 / RAL 5007 / 5009	SG SN 63
SN 51	Yes	SG HD Light Blue 52	Clear + WO-E-14-7063 (Greyish) / RAL 7011 / 7031 Clear + WO-B-14-7064 (Blueish) / RAL 5007 / 5009	SG SN 51
SN 40/23	Yes	SG HD Royal Blue 20	Clear + WO-B-14-7067 / RAL 5023 SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG SN 40/23
SN 29/18	Yes	SG HD Royal Blue 20	Clear + WO-B-14-7067 / RAL 5023 SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG SN 29/18
Guardian ViewBoost				
Double Glazed: 6-16-4 Guardian ViewBoost on Surface #2, 90% Argon				
SNX 70 with Guardian ViewBoost	Yes	--	--	--
SN 75 with Guardian ViewBoost	Yes	--	--	--
SunGuard® High Performance				
Double Glazed: 6-16-4 SunGuard® High Performance on Surface #2, 90% Argon				
HP Amber 41/29	No	--	--	SG HP Amber 41/29
HP Bright Green 40/29	No	--	SG Solar Bright Green 20 + Ferro 140 15 4001 on #2	SG HP Bright Green 40/29

Product	Edge deletion	Monolithic Glass		Insulating Glass (Coating on #2 & Enamel on #4)
		Coated glass	Enameled	
HP Light Blue 62/52	No	--	Clear + WO-B-14-7067 / RAL 5023	SG HP Light Blue 62/52
HP Neutral 41/33	No	SG HD Silver Grey 32	Clear + WO-B-14-7064 / RAL 5007 / 5009 SG HD Silver Grey 32 + Ferro 140 15 4001 on #2	SG HP Neutral 41/33
HP Neutral 50/32	No	SG HD Silver Grey 32	Clear + WO-B-14-7064 / RAL 5007 / 5009 SG HD Silver Grey 32 + Ferro 140 15 4001 on #2	SG HP Neutral 50/32
HP Neutral 60/40	No	SG HD Silver Grey 32	Clear + WO-B-14-7064 / RAL 5007 / 5009 SG HD Silver Grey 32 + Ferro 140 15 4001 on #2	SG HP Neutral 60/40
HP Royal Blue 41/29	No	SG HD Royal Blue 20	SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG HP Royal Blue 41/29
HP Silver 35/26	No	SG HD Silver 10	SG HD Silver 10 + Ferro 140 15 4001 on #2	SG HP Silver 35/26
HP Silver 43/31	No	SG HD Silver 70	--	SG HP Silver 43/31
HP Bronze 40/27	No	--	SG Solar Bronze 20 + Ferro 140 15 4001 on #2	SG HP Bronze 40/27
SunGuard® Solar				
Double Glazed: 6-16-4 SunGuard® Solar on Surface #2, 90% Argon				
Solar Bright Green 20	No	--	SG Solar Bright Green 20 + Ferro 140 15 4001 on #2	SG Solar Bright Green 20
Solar Bronze 20	No	--	SG Solar Bronze 20 + Ferro 140 15 4001 on #2	SG Solar Bronze 20
Solar Gold 20	No	--	--	SG Solar Gold 20
Solar Grey 20	No	--	--	SG Solar Grey 20
SunGuard® High Durable				
Double Glazed: 6-16-4 SunGuard® High Durable on Surface #2, 90% Argon				
HD Diamond 66	No	SG HD Diamond 66	--	SG HD Diamond 66
HD Light Blue 52	No	SG HD Light Blue 52	Clear + WO-E-14-7063 (Greyish) / RAL 7011 / 703 Clear + WO-B-14-7064 (Blueish) / RAL 5007 / 5009	SG HD Light Blue 52
HD Neutral 67	No	SG HD Neutral 67	Clear + WO-E-14-7063 (Greyish) / RAL 7011 / 703 Clear + WO-B-14-7064 (Blueish) / RAL 5007 / 5009	SG HD Neutral 67
HD Royal Blue 20	No	SG HD Royal Blue 20	SG Solar Royal Blue 20 + Ferro 140 15 4001 on #2	SG HD Royal Blue 20
HD Silver 10	No	SG HD Silver 10	SG HD Silver 10 + Ferro 140 15 4001 on #2	SG HD Silver 10
HD Silver 20	No	SG HD Silver 20	SG HD Silver 20 + Ferro 140 15 4001 on #2	SG HD Silver 20
HD Silver 70	No	SG HD Silver 70	--	SG HD Silver 70
HD Silver Grey 32	No	SG HD Silver Grey 32	Clear + WO-B-14-7064 / RAL 5007 / 5009 SG HD Silver Grey 32 + Ferro 140 15 4001 on #2	SG HD Silver Grey 32

Continued next page

Product	Edge deletion	Monolithic Glass		Insulating Glass (Coating on #2 & Enamel on #4)
		Coated glass	Enameled	
ClimaGuard				
Double Glazed: 4-16-4 ClimaGuard on Surface #2, 90% Argon				
ClimaGuard Solar	Yes	--	--	--
Double Glazed: 4-16-4 ClimaGuard on Surface #3, 90% Argon				
ClimaGuard 1.0+	Yes	--	--	--
ClimaGuard Neutral 70	No	--	--	--
ClimaGuard Premium2	Yes	--	--	--
Guardian Sun®				
Double Glazed: 4-16-4 Guardian Sun® on Surface #2, 90% Argon				
Guardian Sun	Yes	--	--	--
Guardian Sun 35	Yes	--	--	--
Guardian Sun 39	Yes	--	--	--



Light transmission

Percentage of visible light directly transmitted through the glass.



Reflection outside

Percentage of visible light directly reflected from the exterior glass surface.



U-value

The U-value is a measure of the heat loss by penetrating the glass. The lower the U-value is, the better the insulating properties are. Expressed in W/m^2K .



Solar factor

Percentage of solar energy transmitted through the glass. It therefore measures the ability of a glazing to reduce the heating of the room. The lower the solar factor is, the better it helps to improve the comfort inside of the building.



Selectivity

The selectivity of glass is expressed as the ratio between its light transmission and solar factor. When the selectivity of glass is higher than 2, it gives you twice as much light versus heat.



Color rendering index

Ability of the glass to keep the colors the same as if they were observed without glazing. Measured with a scale from 1 to 100. A low CRI gives blurred colors, and a high CRI gives natural and bright colors.

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