



Architectural Wall System NFRC Certified Glass Options

Manufacturer Product Code / ViewMax Plus	Glass Manufacturer	U-factor	SHGC	VT	CR	Glazing Layers
XL Edge 6 mm LoE ² 272/AIR/6 mm Clear	Cardinal Glass	0.35	0.35	0.59	42	2
XL Edge 5 mm LoE ² 272/AIR/5 mm Clear	Cardinal Glass	0.35	0.36	0.6	43	2
XL Edge 6 mm LoE ² 272/ARG/6 mm Clear	Cardinal Glass	0.31	0.35	0.59	45	2
XL Edge 5 mm LoE ² 272/ARG/5 mm Clear	Cardinal Glass	0.32	0.35	0.6	45	2
XL Edge 6 mm LoE ² 272/AIR/6 mm i89	Cardinal Glass	0.29	0.34	0.58	34	2
XL Edge 5 mm LoE ² 272/AIR/5 mm i89	Cardinal Glass	0.29	0.35	0.59	35	2
XL Edge 6 mm LoE ² 272/ARG/6 mm i89	Cardinal Glass	0.27	0.34	0.58	36	2
XL Edge 5 mm LoE ² 272/ARG/5 mm i89	Cardinal Glass	0.27	0.35	0.59	37	2
XL Edge 6 mm LoE ³ 366/AIR/6 mm Clear	Cardinal Glass	0.34	0.24	0.53	43	2
XL Edge 5 mm LoE ³ 366/AIR/5 mm Clear	Cardinal Glass	0.35	0.24	0.54	43	2
XL Edge 6 mm LoE ³ 366/ARG/6 mm Clear	Cardinal Glass	0.31	0.24	0.53	45	2
XL Edge 5 mm LoE ³ 366/ARG/5 mm Clear	Cardinal Glass	0.31	0.24	0.54	45	2
XL Edge 6 mm LoE ³ 366/AIR/6 mm i89	Cardinal Glass	0.29	0.24	0.52	34	2
XL Edge 5 mm LoE ³ 366/AIR/5 mm i89	Cardinal Glass	0.29	0.24	0.53	35	2
XL Edge 6 mm LoE ³ 366/ARG/6 mm i89	Cardinal Glass	0.26	0.23	0.52	37	2
XL Edge 5 mm LoE ³ 366/ARG/5 mm i89	Cardinal Glass	0.27	0.23	0.53	37	2
XL Edge 6 mm Clear/AIR/6 mm LoE 180	Cardinal Glass	0.36	0.55	0.65	42	2
XL Edge 5 mm Clear/AIR/5 mm LoE 180	Cardinal Glass	0.36	0.57	0.66	43	2
XL Edge 6 mm Clear/ARG/6 mm LoE 180	Cardinal Glass	0.32	0.55	0.65	44	2
XL Edge 5 mm Clear/ARG/5 mm LoE 180	Cardinal Glass	0.33	0.57	0.66	45	2
XL Edge 6 mm LoE 180/AIR/6 mm i89	Cardinal Glass	0.3	0.5	0.64	34	2
XL Edge 5 mm LoE 180/AIR/5 mm i89	Cardinal Glass	0.3	0.52	0.65	34	2
XL Edge 6 mm LoE 180/ARG/6 mm i89	Cardinal Glass	0.27	0.5	0.64	36	2
XL Edge 5 mm LoE 180/ARG/5 mm i89	Cardinal Glass	0.28	0.52	0.65	36	2
XL Edge 6 mm LoE ³ 340/AIR/6 mm Clear	Cardinal Glass	0.35	0.17	0.32	43	2
XL Edge 5 mm LoE ³ 340/AIR/5 mm Clear	Cardinal Glass	0.35	0.17	0.33	43	2
XL Edge 6 mm LoE ³ 340/ARG/6 mm Clear	Cardinal Glass	0.31	0.16	0.32	45	2



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XL Edge 5 mm LoE ³ 340/ARG/5 mm Clear	Cardinal Glass	0.31	0.16	0.33	45	2
XL Edge 6 mm LoE ³ 340/AIR/6 mm i89	Cardinal Glass	0.29	0.16	0.31	34	2
XL Edge 5 mm LoE ³ 340/AIR/5 mm i89	Cardinal Glass	0.29	0.16	0.32	35	2
XL Edge 6 mm LoE ³ 340/ARG/6 mm i89	Cardinal Glass	0.27	0.16	0.31	37	2
XL Edge 5 mm LoE ³ 340/ARG/5 mm i89	Cardinal Glass	0.27	0.15	0.32	37	2
XL Edge 5 mm LoE ² 272/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.31	0.52	51	3
XL Edge 5 mm LoE ² 272/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.31	0.52	53	3
XL Edge 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.22	0.47	51	3
XL Edge 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.21	0.47	53	3
XL Edge 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.22	0.47	51	3
XL Edge 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.21	0.47	53	3
XL Edge 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm i89	Cardinal Glass	0.24	0.21	0.46	42	3
XL Edge 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm i89	Cardinal Glass	0.21	0.21	0.46	44	3
XL Edge 5 mm LoE ³ 366/AIR/5 mm Clear/AIR/5 mm LoE ² 272	Cardinal Glass	0.27	0.22	0.43	51	3
XL Edge 5 mm LoE ³ 366/ARG/5 mm Clear/ARG/5 mm LoE ² 272	Cardinal Glass	0.23	0.22	0.43	53	3
Endur 6 mm LoE ² 272/AIR/6 mm Clear	Cardinal Glass	0.35	0.35	0.59	43	2
Endur 5 mm LoE ² 272/AIR/5 mm Clear	Cardinal Glass	0.35	0.36	0.6	43	2
Endur 6 mm LoE ² 272/ARG/6 mm Clear	Cardinal Glass	0.31	0.35	0.59	45	2
Endur 5 mm LoE ² 272/ARG/5 mm Clear	Cardinal Glass	0.32	0.35	0.6	45	2
Endur 6 mm LoE ² 272/AIR/6 mm i89	Cardinal Glass	0.29	0.34	0.58	34	2
Endur 5 mm LoE ² 272/AIR/5 mm i89	Cardinal Glass	0.29	0.35	0.59	35	2
Endur 6 mm LoE ² 272/ARG/6 mm i89	Cardinal Glass	0.27	0.34	0.58	36	2
Endur 5 mm LoE ² 272/ARG/5 mm i89	Cardinal Glass	0.27	0.35	0.59	37	2
Endur 6 mm LoE ³ 366/AIR/6 mm Clear	Cardinal Glass	0.34	0.24	0.53	43	2
Endur 5 mm LoE ³ 366/AIR/5 mm Clear	Cardinal Glass	0.35	0.24	0.54	43	2
Endur 6 mm LoE ³ 366/ARG/6 mm Clear	Cardinal Glass	0.31	0.24	0.53	45	2
Endur 5 mm LoE ³ 366/ARG/5 mm Clear	Cardinal Glass	0.31	0.24	0.54	46	2



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Manufacturer Product Code / ViewMax Plus	Glass Manufacturer	U-factor	SHGC	VT	CR	Glazing Layers
Endur 6 mm LoE ³ 366/AIR/6 mm i89	Cardinal Glass	0.29	0.24	0.52	35	2
Endur 5 mm LoE ³ 366/AIR/5 mm i89	Cardinal Glass	0.29	0.24	0.53	35	2
Endur 6 mm LoE ³ 366/ARG/6 mm i89	Cardinal Glass	0.26	0.23	0.52	37	2
Endur 5 mm LoE ³ 366/ARG/5 mm i89	Cardinal Glass	0.27	0.23	0.53	37	2
Endur 6 mm Clear/AIR/6 mm LoE 180	Cardinal Glass	0.36	0.55	0.65	42	2
Endur 5 mm Clear/AIR/5 mm LoE 180	Cardinal Glass	0.36	0.57	0.66	43	2
Endur 6 mm Clear/ARG/6 mm LoE 180	Cardinal Glass	0.32	0.55	0.65	45	2
Endur 5 mm Clear/ARG/5 mm LoE 180	Cardinal Glass	0.32	0.57	0.66	45	2
Endur 6 mm LoE 180/AIR/6 mm i89	Cardinal Glass	0.3	0.5	0.64	34	2
Endur 5 mm LoE 180/AIR/5 mm i89	Cardinal Glass	0.3	0.52	0.65	34	2
Endur 6 mm LoE 180/ARG/6 mm i89	Cardinal Glass	0.27	0.5	0.64	36	2
Endur 5 mm LoE 180/ARG/5 mm i89	Cardinal Glass	0.28	0.52	0.65	37	2
Endur 6 mm LoE ³ 340/AIR/6 mm Clear	Cardinal Glass	0.35	0.17	0.32	43	2
Endur 5 mm LoE ³ 340/AIR/5 mm Clear	Cardinal Glass	0.35	0.17	0.33	43	2
Endur 6 mm LoE ³ 340/ARG/6 mm Clear	Cardinal Glass	0.31	0.16	0.32	45	2
Endur 5 mm LoE ³ 340/ARG/5 mm Clear	Cardinal Glass	0.31	0.16	0.33	46	2
Endur 6 mm LoE ³ 340/AIR/6 mm i89	Cardinal Glass	0.29	0.16	0.31	34	2
Endur 5 mm LoE ³ 340/AIR/5 mm i89	Cardinal Glass	0.29	0.16	0.32	35	2
Endur 6 mm LoE ³ 340/ARG/6 mm i89	Cardinal Glass	0.27	0.16	0.31	37	2
Endur 5 mm LoE ³ 340/ARG/5 mm i89	Cardinal Glass	0.27	0.15	0.32	37	2
Endur 5 mm LoE ² 272/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.31	0.52	51	3
Endur 5 mm LoE ² 272/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.31	0.52	53	3
Endur 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.22	0.47	51	3
Endur 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.21	0.47	53	3
Endur 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm Clear	Cardinal Glass	0.27	0.22	0.47	51	3
Endur 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm Clear	Cardinal Glass	0.24	0.21	0.47	53	3
Endur 5 mm LoE ³ 366/AIR/5 mm LoE 180/AIR/5 mm i89	Cardinal Glass	0.24	0.21	0.46	42	3



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Manufacturer Product Code / ViewMax Plus	Glass Manufacturer	U-factor	SHGC	VT	CR	Glazing Layers
Endur 5 mm LoE ³ 366/ARG/5 mm LoE 180/ARG/5 mm i89	Cardinal Glass	0.21	0.21	0.46	45	3
Endur 5 mm LoE ³ 366/AIR/5 mm Clear/AIR/5 mm LoE ² 272	Cardinal Glass	0.27	0.22	0.43	51	3
Endur 5 mm LoE ³ 366/ARG/5 mm Clear/ARG/5 mm LoE ² 272	Cardinal Glass	0.23	0.22	0.43	53	3
Technoform 6 mm Solarban [®] 60 /AIR/6 mm Clear	PPG	0.35	0.34	0.6	41	2
Technoform 5 mm Solarban [®] 60 /AIR/5 mm Clear	PPG	0.36	0.34	0.61	41	2
Technoform 6 mm Solarban [®] 60 /ARG/6 mm Clear	PPG	0.32	0.34	0.6	43	2
Technoform 5 mm Solarban [®] 60 /ARG/5 mm Clear	PPG	0.32	0.34	0.61	43	2
Technoform 6 mm Solarban [®] 70XL Starphire [®] /AIR/6 mm Clear	PPG	0.35	0.24	0.54	41	2
Technoform 5 mm Solarban [®] 70XL/AIR/5 mm Clear	PPG	0.35	0.24	0.54	42	2
Technoform 6 mm Solarban [®] 70XL Starphire [®] /ARG/6 mm Clear	PPG	0.31	0.24	0.54	43	2
Technoform 5 mm Solarban [®] 70XL/ARG/5 mm Clear	PPG	0.31	0.24	0.54	43	2
Technoform 6 mm Solarban [®] 90/AIR/6 mm Clear	PPG	0.35	0.21	0.43	41	2
Technoform 5 mm Solarban [®] 90/AIR/5 mm Clear	PPG	0.35	0.2	0.44	41	2
Technoform 6 mm Solarban [®] 90/ARG/6 mm Clear	PPG	0.31	0.2	0.43	43	2
Technoform 5 mm Solarban [®] 90/ARG/5 mm Clear	PPG	0.32	0.2	0.44	43	2
Technoform 5 mm Solarban [®] 70XL/AIR/5 mm Clear/AIR/5 mm Solarban [®] 70XL	PPG	0.27	0.21	0.38	48	3
Technoform 5 mm Solarban [®] 70XL/ARG/5 mm Clear/ARG/5 mm Solarban [®] 70XL	PPG	0.24	0.21	0.38	50	3
Technoform 6 mm SunGuard [®] SNX 62/27 /AIR/6 mm Clear	Guardian Glass	0.35	0.24	0.52	41	2
Technoform 5 mm SunGuard [®] SNX 62/27/AIR/5 mm Clear	Guardian Glass	0.35	0.23	0.53	42	2
Technoform 6 mm SunGuard [®] SNX 62/27 /ARG/6 mm Clear	Guardian Glass	0.31	0.23	0.52	43	2
Technoform 5 mm SunGuard [®] SNX 62/27/ARG/5 mm Clear	Guardian Glass	0.32	0.23	0.53	43	2
Technoform 6 mm SunGuard [®] SNX 62/27 /AIR/6 mm SunGuard [®] IS 20	Guardian Glass	0.3	0.23	0.51	34	2
Technoform 5 mm SunGuard [®] SNX 62/27/AIR/5 mm SunGuard [®] IS 20	Guardian Glass	0.3	0.23	0.51	34	2
Technoform 6 mm SunGuard [®] SNX 62/27 /ARG/6 mm SunGuard [®] IS 20	Guardian Glass	0.27	0.22	0.51	35	2
Technoform 5 mm SunGuard [®] SNX 62/27/ARG/5 mm SunGuard [®] IS 20	Guardian Glass	0.27	0.22	0.51	36	2
Helima 6 mm Solarban [®] 60 /AIR/6 mm Clear	PPG	0.35	0.34	0.6	41	2
Helima 5 mm Solarban [®] 60 /AIR/5 mm Clear	PPG	0.36	0.34	0.61	41	2



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Manufacturer Product Code / ViewMax Plus	Glass Manufacturer	U-factor	SHGC	VT	CR	Glazing Layers
Helima 6 mm Solarban® 60 /ARG/6 mm Clear	PPG	0.32	0.34	0.6	43	2
Helima 5 mm Solarban® 60 /ARG/5 mm Clear	PPG	0.32	0.34	0.61	43	2
Helima 6 mm Solarban® 70XL Starphire®/AIR/6 mm Clear	PPG	0.35	0.24	0.54	41	2
Helima 5 mm Solarban® 70XL/AIR/5 mm Clear	PPG	0.35	0.24	0.54	41	2
Helima 6 mm Solarban® 70XL Starphire®/ARG/6 mm Clear	PPG	0.31	0.24	0.54	43	2
Helima 5 mm Solarban® 70XL/ARG/5 mm Clear	PPG	0.31	0.24	0.54	43	2
Helima 6 mm Solarban® 90/AIR/6 mm Clear	PPG	0.35	0.21	0.43	41	2
Helima 5 mm Solarban® 90/AIR/5 mm Clear	PPG	0.35	0.2	0.44	41	2
Helima 6 mm Solarban® 90/ARG/6 mm Clear	PPG	0.31	0.2	0.43	43	2
Helima 5 mm Solarban® 90/ARG/5 mm Clear	PPG	0.32	0.2	0.44	43	2
Helima 5 mm Solarban® 70XL/AIR/5 mm Clear/AIR/5 mm Solarban® 70XL	PPG	0.27	0.21	0.38	48	3
Helima 5 mm Solarban® 70XL/ARG/5 mm Clear/ARG/5 mm Solarban® 70XL	PPG	0.24	0.21	0.38	50	3
Helima 6 mm SunGuard® SNX 62/27 /AIR/6 mm Clear	Guardian Glass	0.35	0.24	0.52	41	2
Helima 5 mm SunGuard® SNX 62/27/AIR/5 mm Clear	Guardian Glass	0.35	0.23	0.53	41	2
Helima 6 mm SunGuard® SNX 62/27 /ARG/6 mm Clear	Guardian Glass	0.31	0.23	0.52	43	2
Helima 5 mm SunGuard® SNX 62/27/ARG/5 mm Clear	Guardian Glass	0.32	0.23	0.53	43	2
Helima 6 mm SunGuard® SNX 62/27 /AIR/6 mm SunGuard® IS 20	Guardian Glass	0.3	0.23	0.51	33	2
Helima 5 mm SunGuard® SNX 62/27/AIR/5 mm SunGuard® IS 20	Guardian Glass	0.3	0.23	0.51	34	2
Helima 6 mm SunGuard® SNX 62/27 /ARG/6 mm SunGuard® IS 20	Guardian Glass	0.27	0.22	0.51	35	2
Helima 5 mm SunGuard® SNX 62/27/ARG/5 mm SunGuard® IS 20	Guardian Glass	0.28	0.22	0.51	36	2