

# Anlin Mailbu Sliding Patio Doors

Patio Sash	Glazing Option	Air Argon	U-factor	SHGC No-Grid	SHGC Grid	VLT%	VLT%	VLT%	UV Block	Air Infil	CRF	STC Ratings		
						IG	NFRC NG	NFRC G				Standard 1/8 / 1/8	Sound Pack 3/16 / 1/8	Laminated 7/32 / 1/8
Standard	SunMatrix Plus	Air	.33	.17	.16	52	40	35	99%	.02-.09	59	29	33	34
Standard	SunMatrix Plus	Argon	.29	.17	.15	52	40	35	99%	.02-.09	60	29	33	34
Standard	SunMatrix Plus/QT	Air	.27	.17	.15	50	39	34	99%	.02-.09	47	29	33	34
Standard	SunMatrix Plus/QT	Argon	.25	.17	.15	50	39	34	99%	.02-.09	51	29	33	34
Standard	Infinite Plus	Air	.33	.21	.19	65	49	43	95%	.02-.09	59	29	33	34
Standard	Infinite Plus	Argon	.29	.21	.19	65	49	43	95%	.02-.09	60	29	33	34
Standard	Infinite Plus/QT	Air	.27	.21	.18	63	48	42	95%	.02-.09	47	29	33	34
Standard	Infinite Plus/QT	Argon	.25	.21	.18	63	48	42	95%	.02-.09	51	29	33	34
Standard	SunShield Plus	Air	.33	.14	.13	39	30	26	98%	.02-.09	58	29	33	34
Standard	SunShield Plus	Argon	.29	.14	.12	39	30	26	98%	.02-.09	60	29	33	34
Standard	SunShield Plus/QT	Air	.27	.14	.12	38	29	25	98%	.02-.09	47	29	33	34
Standard	SunShield Plus/QT	Argon	.25	.13	.12	38	29	25	98%	.02-.09	50	29	33	34
Standard	CoolShield Plus	Air	.33	.28	.25	70	53	46	86%	.02-.09	58	29	33	34
Standard	CoolShield Plus	Argon	.30	.28	.25	70	53	46	86%	.02-.09	60	29	33	34
Standard	CoolShield Plus/QT	Air	.28	.28	.25	69	52	45	86%	.02-.09	46	29	33	34
Standard	CoolShield Plus/QT	Argon	.25	.28	.25	69	52	45	86%	.02-.09	50	29	33	34
Standard	Luminance	Air	.34	.49	.44	79	60	53	71%	.02-.09	57	29	33	34
Standard	Luminance	Argon	.31	.49	.43	79	60	53	71%	.02-.09	60	29	33	34
Standard	Luminance/QT	Air	.28	.48	.42	77	59	51	73%	.02-.09	46	29	33	34
Standard	Luminance/QT	Argon	.26	.48	.42	77	59	51	73%	.02-.09	49	29	33	34

Patio Door Type	Size	Air Infiltration
Malibu XO Narrow Sash	120" X 99"	0.03
Malibu XOO Narrow Sash	182" X 99"	0.06
Malibu OXO Narrow Sash	182" X 99"	0.09
Malibu OXXO Narrow Sash	192" X 99"	0.03

SHGC: Solar Heat Gain Coefficient

U-FACTOR: Insulating Value

IG VLT: Viewing Area, Visible Light Transmittance

NFRC VLT: Entire Unit, Visible Light Transmittance

AIR INFILTRATION: Amount of air which passes through the unit

STC RATING: Measurement of units ability to reduce sound

# Anlin Mailbu Sliding Patio Doors

Patio Sash	Glazing Option	Air Argon	U-factor	SHGC No-Grid	SHGC Grid	VLT% IG	VLT% NFRC NG	VLT% NFRC G	UV Block	Air Infil	CRF	STC Ratings		
												Standard 1/8 / 1/8	Sound Pack 3/16 / 1/8	Laminated 7/32 / 1/8
French	SunMatrix Plus	Air	.34	.15	.14	52	35	30	99%	.01-.09	58	29	33	34
French	SunMatrix Plus	Argon	.30	.15	.13	52	35	30	99%	.01-.09	59	29	33	34
French	SunMatrix Plus/QT	Air	.29	.15	.13	50	34	29	99%	.01-.09	47	29	33	34
French	SunMatrix Plus/QT	Argon	.27	.15	.13	50	34	29	99%	.01-.09	51	29	33	34
French	Infinite Plus	Air	.34	.19	.17	65	43	37	95%	.01-.09	58	29	33	34
French	Infinite Plus	Argon	.30	.19	.16	65	43	37	95%	.01-.09	59	29	33	34
French	Infinite Plus/QT	Air	.29	.19	.16	63	42	36	95%	.01-.09	47	29	33	34
French	Infinite Plus/QT	Argon	.27	.18	.16	63	42	36	95%	.01-.09	51	29	33	34
French	SunShield Plus	Air	.34	.13	.11	39	26	22	98%	.01-.09	58	29	33	34
French	SunShield Plus	Argon	.31	.12	.11	39	26	22	98%	.01-.09	59	29	33	34
French	SunShield Plus/QT	Air	.29	.12	.11	38	25	22	98%	.01-.09	47	29	33	34
French	SunShield Plus/QT	Argon	.27	.12	.11	38	25	22	98%	.01-.09	50	29	33	34
French	CoolShield Plus	Air	.34	.25	.22	70	46	40	86%	.01-.09	58	29	33	34
French	CoolShield Plus	Argon	.31	.25	.22	70	46	40	86%	.01-.09	59	29	33	34
French	CoolShield Plus/QT	Air	.29	.25	.22	69	45	39	86%	.01-.09	46	29	33	34
French	CoolShield Plus/QT	Argon	.27	.24	.22	69	45	39	86%	.01-.09	50	29	33	34
French	Luminance	Air	.35	.43	.38	79	52	45	71%	.01-.09	57	29	33	34
French	Luminance	Argon	.32	.43	.38	79	52	45	71%	.01-.09	59	29	33	34
French	Luminance/QT	Air	.30	.42	.37	77	51	44	73%	.01-.09	46	29	33	34
French	Luminance/QT	Argon	.28	.42	.37	77	51	44	73%	.01-.09	49	29	33	34

Patio Door Type	Size	Air Infiltration
Malibu XO Wide Sash	120" X 99"	0.03
Malibu XOO Wide Sash	182" X 99"	0.08
Malibu OXO Wide Sash	182" X 99"	0.09
Malibu OXXO Wide Sash	192" X 99"	0.01

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NFRC VLT: Entire Unit, Visible Light Transmittance

AIR INFILTRATION: Amount of air which passes through the unit

STC RATING: Measurement of units ability to reduce sound

# Anlin Mailbu Swinging French Doors

Style	Glazing Option	Air Argon	U-factor	SHGC No-Grid	SHGC Grid	VLT% IG	VLT% NFRC NG	VLT% NFRC G	UV Block	Air Infil	CRF	STC Ratings		
												Standard 1/8 / 1/8	Sound Pack 3/16 / 1/8	Laminated 7/32 / 1/8
Inswing	SunMatrix Plus	Air	.34	.14	.13	52	32	27	99%	0.16	56	29	30	32
Inswing	SunMatrix Plus	Argon	.32	.14	.12	52	32	27	99%	0.16	56	29	30	32
Inswing	SunMatrix Plus/QT	Air	.30	.14	.12	50	31	26	99%	0.16	48	29	30	32
Inswing	SunMatrix Plus/QT	Argon	.28	.14	.12	50	31	26	99%	0.16	52	29	30	32
Inswing	Infinite Plus	Air	.34	.17	.15	65	39	33	95%	0.16	56	29	30	32
Inswing	Infinite Plus	Argon	.31	.17	.15	65	39	33	95%	0.16	56	29	30	32
Inswing	Infinite Plus/QT	Air	.30	.17	.15	63	38	33	95%	0.16	48	29	30	32
Inswing	Infinite Plus/QT	Argon	.28	.17	.15	63	38	33	95%	0.16	52	29	30	32
Inswing	SunShield Plus	Air	.35	.12	.11	39	23	20	98%	0.16	56	29	30	32
Inswing	SunShield Plus	Argon	.32	.12	.10	39	23	20	98%	0.16	56	29	30	32
Inswing	SunShield Plus/QT	Air	.30	.11	.10	38	23	20	98%	0.16	48	29	30	32
Inswing	SunShield Plus/QT	Argon	.28	.11	.10	38	23	20	98%	0.16	52	29	30	32
Inswing	CoolShield Plus	Air	.35	.23	.20	70	42	36	86%	0.16	56	29	30	32
Inswing	CoolShield Plus	Argon	.32	.23	.20	70	42	36	86%	0.16	56	29	30	32
Inswing	CoolShield Plus/QT	Air	.30	.23	.20	69	41	35	86%	0.16	48	29	30	32
Inswing	CoolShield Plus/QT	Argon	.29	.23	.20	69	41	35	86%	0.16	52	29	30	32
Inswing	Luminance	Air	.35	.40	.34	79	48	41	71%	0.16	55	29	30	32
Inswing	Luminance	Argon	.33	.40	.34	79	48	41	71%	0.16	56	29	30	32
Inswing	Luminance/QT	Air	.31	.38	.33	77	47	40	73%	0.16	47	29	30	32
Inswing	Luminance/QT	Argon	.29	.39	.33	77	47	40	73%	0.16	51	29	30	32

SHGC: Solar Heat Gain Coefficient  
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# Anlin Mailbu Swinging French Doors

Style	Glazing Option	Air Argon	U-factor	SHGC No-Grid	SHGC Grid	VLT% IG	VLT% NFRC NG	VLT% NFRC G	UV Block	Air Infil	CRF	STC Ratings		
												Standard 1/8 / 1/8	Sound Pack 3/16 / 1/8	Laminated 7/32 / 1/8
Outswing	SunMatrix Plus	Air	.35	.14	.13	52	32	27	99%	0.04	60	29	30	32
Outswing	SunMatrix Plus	Argon	.32	.14	.12	52	32	27	99%	0.04	61	29	30	32
Outswing	SunMatrix Plus/QT	Air	.30	.14	.12	50	31	26	99%	0.04	48	29	30	32
Outswing	SunMatrix Plus/QT	Argon	.29	.14	.12	50	31	26	99%	0.04	52	29	30	32
Outswing	Infinite Plus	Air	.35	.17	.15	65	39	33	95%	0.04	60	29	30	32
Outswing	Infinite Plus	Argon	.32	.17	.15	65	39	33	95%	0.04	61	29	30	32
Outswing	Infinite Plus/QT	Air	.31	.17	.15	63	38	33	95%	0.04	48	29	30	32
Outswing	Infinite Plus/QT	Argon	.28	.17	.15	63	38	33	95%	0.04	52	29	30	32
Outswing	SunShield Plus	Air	.35	.12	.11	39	23	20	98%	0.04	60	29	30	32
Outswing	SunShield Plus	Argon	.32	.12	.10	39	23	20	98%	0.04	61	29	30	32
Outswing	SunShield Plus/QT	Air	.31	.11	.10	38	23	20	98%	0.04	47	29	30	32
Outswing	SunShield Plus/QT	Argon	.29	.11	.10	38	23	20	98%	0.04	51	29	30	32
Outswing	CoolShield Plus	Air	.35	.23	.20	70	42	36	86%	0.04	60	29	30	32
Outswing	CoolShield Plus	Argon	.32	.23	.20	70	42	36	86%	0.04	61	29	30	32
Outswing	CoolShield Plus/QT	Air	.31	.23	.20	69	41	35	86%	0.04	47	29	30	32
Outswing	CoolShield Plus/QT	Argon	.29	.23	.20	69	41	35	86%	0.04	51	29	30	32
Outswing	Luminance	Air	.36	.40	.34	79	48	41	71%	0.04	60	29	30	32
Outswing	Luminance	Argon	.33	.40	.34	79	48	41	71%	0.04	61	29	30	32
Outswing	Luminance/QT	Air	.31	.38	.33	77	47	40	73%	0.04	46	29	30	32
Outswing	Luminance/QT	Argon	.29	.39	.33	77	47	40	73%	0.04	50	29	30	32

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# Anlin Malibu

## Structural Performance Data

Malibu 2 3/4" & 4 1/2" Rail Doors	Min Size	Max Size	Rating <sup>(1)</sup>
XO, OX	48 x 72	120 x 99	R20
XOO, OOX	72 x 72	182 x 99	R15
OXO	72 x 72	182 x 99	R20
OXXO	72 x 72	192 x 99	R15
Side Lite	14 x 72	60 x 99	R20
SL/SL	28 x 72	120 x 99	R15
SL/SL/SL	42 x 72	182 x 99	R15

(1) Rating based on Max Size unit

Malibu French Swinging Doors	Min Size	Max Size	Rating <sup>(1)</sup> Out-swing	Rating <sup>(1)</sup> In-swing
X	24 x 72	38 x 96	R20	R15
XX	36 x 72	74 x 96	R20	R15
XO	36 x 72	74 x 96	R20	R15
OX	36 x 72	74 x 96	R20	R15
OXO	54 x 72	120 x 96	R20	R15
XXO	54 x 72	120 x 96	R20	R15
OXX	54 x 72	120 x 96	R20	R15
OOX	54 x 72	120 x 96	R20	R15
XOO	54 x 72	120 x 96	R20	R15
OXXO	72 x 72	120 x 96	R20	R15
SL	10.5 x 72	38 x 96	R20	R15
SL/SL	36 x 72	74 x 96	R20	R15

(1) Rating based on Max Size unit

### FRENCH SWINGING DOOR NOTES:

- Fixed Side Lites less than 18" requires smaller 2" sash with a filler-sash (top & bottom) creating an equal sight line horizontally. Minimum width = 10.5", Maximum Width = 18", Maximum height = 96"
- Fixed Side Lites greater than 18" requires 4 1/2" standard sash creating equal sight lines both horizontally and vertically. Minimum width = 18 1/4", Maximum Width = 36", Maximum height = 96"
- Operable Side Lites are In-Swing only and requires smaller 2" sash with a filler-sash (top & bottom) creating an equal sight line horizontally. Minimum width = 10.5", Maximum width = 18", Maximum height = 82"
- Maximum panel size for all configurations is 36"