



Anlin Malibu Sliding Patio Doors

| Style | Glazing Option | Air Argon | U-Factor | SHGC No-Grid | SHGC Grid | VLT | UV Block | Air Infiltration | CRF | 3/16 over 1/8 STC Rating | 7/32 Lami STC Rating |
|----------|------------------------------------|-----------|----------|--------------|-----------|-----|----------|------------------|-----|--------------------------|----------------------|
| Standard | Infinite Plus | Air | .33 | .22 | .19 | 65% | 95% | 0.05 | 55 | 33 | 34 |
| Standard | Infinite Plus | Argon | .28 | .21 | .19 | 65% | 95% | 0.05 | 58 | 33 | 34 |
| Standard | Infinite Plus/QuadraTherm | Air | .27 | .21 | .19 | 63% | 95% | 0.05 | 43 | 33 | 34 |
| Standard | Infinite Plus/QuadraTherm | Argon | .24 | .21 | .19 | 63% | 95% | 0.05 | 47 | 33 | 34 |
| Standard | SunShield Plus | Air | .33 | .14 | .13 | 39% | 98% | 0.05 | 55 | 33 | 34 |
| Standard | SunShield Plus | Argon | .29 | .14 | .13 | 39% | 98% | 0.05 | 58 | 33 | 34 |
| Standard | SunShield Plus/QuadraTherm | Air | .27 | .14 | .12 | 38% | 98% | 0.05 | 43 | 33 | 34 |
| Standard | SunShield Plus/QuadraTherm | Argon | .25 | .14 | .12 | 38% | 98% | 0.05 | 46 | 33 | 34 |
| Standard | CoolShield Plus | Air | .33 | .29 | .26 | 70% | 86% | 0.05 | 54 | 33 | 34 |
| Standard | CoolShield Plus | Argon | .29 | .29 | .26 | 70% | 86% | 0.05 | 58 | 33 | 34 |
| Standard | CoolShield Plus/QuadraTherm | Air | .27 | .28 | .25 | 69% | 86% | 0.05 | 43 | 33 | 34 |
| Standard | CoolShield Plus/QuadraTherm | Argon | .25 | .28 | .25 | 69% | 86% | 0.05 | 46 | 33 | 34 |
| Standard | Luminance | Air | .34 | .50 | .44 | 79% | 71% | 0.05 | 54 | 33 | 34 |
| Standard | Luminance | Argon | .30 | .50 | .44 | 79% | 71% | 0.05 | 57 | 33 | 34 |
| Standard | Luminance/QuadraTherm | Air | .28 | .49 | .43 | 77% | 73% | 0.05 | 42 | 33 | 34 |
| Standard | Luminance/QuadraTherm | Argon | .26 | .49 | .43 | 77% | 73% | 0.05 | 45 | 33 | 34 |

SHGC - Solar Heat Gain Coefficient

CRF - Condensation Resistance Factor

STC - Sound Transmission Class

VLT - Visible Light Transmittance (Note: VLT on NFRC label will vary as calculation is based on complete unit, not viewing area)



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|--------|------------------------------------|-----------|----------|--------------|-----------|-----|----------|------------------|-----|--------------------------|----------------------|
| French | Infinite Plus | Air | .33 | .19 | .17 | 65% | 95% | 0.07 | 56 | 32 | 34 |
| French | Infinite Plus | Argon | .29 | .19 | .16 | 65% | 95% | 0.07 | 61 | 32 | 34 |
| French | Infinite Plus/QuadraTherm | Air | .28 | .18 | .16 | 63% | 95% | 0.07 | 45 | 32 | 34 |
| French | Infinite Plus/QuadraTherm | Argon | .26 | .18 | .16 | 63% | 95% | 0.07 | 48 | 32 | 34 |
| | | | | | | | | | | | |
| French | SunShield Plus | Air | .33 | .13 | .11 | 39% | 98% | 0.07 | 56 | 32 | 34 |
| French | SunShield Plus | Argon | .30 | .12 | .11 | 39% | 98% | 0.07 | 59 | 32 | 34 |
| French | SunShield Plus/QuadraTherm | Air | .28 | .12 | .11 | 38% | 98% | 0.07 | 45 | 32 | 34 |
| French | SunShield Plus/QuadraTherm | Argon | .26 | .12 | .11 | 38% | 98% | 0.07 | 48 | 32 | 34 |
| | | | | | | | | | | | |
| French | CoolShield Plus | Air | .33 | .25 | .22 | 70% | 86% | 0.07 | 56 | 32 | 34 |
| French | CoolShield Plus | Argon | .30 | .25 | .22 | 70% | 86% | 0.07 | 59 | 32 | 34 |
| French | CoolShield Plus/QuadraTherm | Air | .28 | .25 | .22 | 69% | 86% | 0.07 | 44 | 32 | 34 |
| French | CoolShield Plus/QuadraTherm | Argon | .26 | .24 | .22 | 69% | 86% | 0.07 | 48 | 32 | 34 |
| | | | | | | | | | | | |
| French | Luminance | Air | .34 | .43 | .38 | 79% | 71% | 0.07 | 55 | 32 | 34 |
| French | Luminance | Argon | .31 | .43 | .38 | 79% | 71% | 0.07 | 58 | 32 | 34 |
| French | Luminance/QuadraTherm | Air | .29 | .42 | .37 | 77% | 73% | 0.07 | 44 | 32 | 34 |
| French | Luminance/QuadraTherm | Argon | .27 | .42 | .37 | 77% | 73% | 0.07 | 47 | 32 | 34 |

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Anlin Malibu Swinging French Doors

| Style | Glazing Option | Air Argon | U-Factor | SHGC No-Grid | SHGC Grid | VLT | UV Block | Air Infiltration | CRF | 3/16 over 1/8 STC Rating | 7/32 Lami STC Rating |
|---------|------------------------------------|-----------|----------|--------------|-----------|-----|----------|------------------|-----|--------------------------|----------------------|
| Inswing | Infinite Plus | Air | .34 | .17 | .15 | 65% | 95% | 0.16 | 56 | 30 | 32 |
| Inswing | Infinite Plus | Argon | .31 | .17 | .15 | 65% | 95% | 0.16 | 56 | 30 | 32 |
| Inswing | Infinite Plus/QuadraTherm | Air | .30 | .17 | .15 | 63% | 95% | 0.16 | 48 | 30 | 32 |
| Inswing | Infinite Plus/QuadraTherm | Argon | .28 | .17 | .15 | 63% | 95% | 0.16 | 52 | 30 | 32 |
| | | | | | | | | | | | |
| Inswing | SunShield Plus | Air | .35 | .12 | .11 | 39% | 98% | 0.16 | 56 | 30 | 32 |
| Inswing | SunShield Plus | Argon | .32 | .12 | .10 | 39% | 98% | 0.16 | 56 | 30 | 32 |
| Inswing | SunShield Plus/QuadraTherm | Air | .30 | .11 | .10 | 38% | 98% | 0.16 | 48 | 30 | 32 |
| Inswing | SunShield Plus/QuadraTherm | Argon | .28 | .11 | .10 | 38% | 98% | 0.16 | 52 | 30 | 32 |
| | | | | | | | | | | | |
| Inswing | CoolShield Plus | Air | .35 | .23 | .20 | 70% | 86% | 0.16 | 56 | 30 | 32 |
| Inswing | CoolShield Plus | Argon | .32 | .23 | .20 | 70% | 86% | 0.16 | 56 | 30 | 32 |
| Inswing | CoolShield Plus/QuadraTherm | Air | .30 | .23 | .20 | 69% | 86% | 0.16 | 48 | 30 | 32 |
| Inswing | CoolShield Plus/QuadraTherm | Argon | .29 | .23 | .20 | 69% | 86% | 0.16 | 52 | 30 | 32 |
| | | | | | | | | | | | |
| Inswing | Luminance | Air | .35 | .40 | .34 | 79% | 71% | 0.16 | 55 | 30 | 32 |
| Inswing | Luminance | Argon | .33 | .40 | .34 | 79% | 71% | 0.16 | 56 | 30 | 32 |
| Inswing | Luminance/QuadraTherm | Air | .31 | .38 | .33 | 77% | 73% | 0.16 | 47 | 30 | 32 |
| Inswing | Luminance/QuadraTherm | Argon | .29 | .39 | .33 | 77% | 73% | 0.16 | 51 | 30 | 32 |

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| Style | Glazing Option | Air Argon | U-Factor | SHGC No-Grid | SHGC Grid | VLT | UV Block | Air Infiltration | CRF | 3/16 over 1/8 STC Rating | 7/32 Lami STC Rating |
|----------|------------------------------------|-----------|----------|--------------|-----------|-----|----------|------------------|-----|--------------------------|----------------------|
| Outswing | Infinite Plus | Air | .35 | .17 | .15 | 65% | 95% | 0.04 | 60 | 30 | 32 |
| Outswing | Infinite Plus | Argon | .32 | .17 | .15 | 65% | 95% | 0.04 | 61 | 30 | 32 |
| Outswing | Infinite Plus/QuadraTherm | Air | .31 | .17 | .15 | 63% | 95% | 0.04 | 48 | 30 | 32 |
| Outswing | Infinite Plus/QuadraTherm | Argon | .28 | .17 | .15 | 63% | 95% | 0.04 | 52 | 30 | 32 |
| | | | | | | | | | | | |
| Outswing | SunShield Plus | Air | .35 | .12 | .11 | 39% | 98% | 0.04 | 60 | 30 | 32 |
| Outswing | SunShield Plus | Argon | .32 | .12 | .10 | 39% | 98% | 0.04 | 61 | 30 | 32 |
| Outswing | SunShield Plus/QuadraTherm | Air | .31 | .11 | .10 | 38% | 98% | 0.04 | 47 | 30 | 32 |
| Outswing | SunShield Plus/QuadraTherm | Argon | .29 | .11 | .10 | 38% | 98% | 0.04 | 51 | 30 | 32 |
| | | | | | | | | | | | |
| Outswing | CoolShield Plus | Air | .35 | .23 | .20 | 70% | 86% | 0.04 | 60 | 30 | 32 |
| Outswing | CoolShield Plus | Argon | .32 | .23 | .20 | 70% | 86% | 0.04 | 61 | 30 | 32 |
| Outswing | CoolShield Plus/QuadraTherm | Air | .31 | .23 | .20 | 69% | 86% | 0.04 | 47 | 30 | 32 |
| Outswing | CoolShield Plus/QuadraTherm | Argon | .29 | .23 | .20 | 69% | 86% | 0.04 | 51 | 30 | 32 |
| | | | | | | | | | | | |
| Outswing | Luminance | Air | .36 | .40 | .34 | 79% | 71% | 0.04 | 60 | 30 | 32 |
| Outswing | Luminance | Argon | .33 | .40 | .34 | 79% | 71% | 0.04 | 61 | 30 | 32 |
| Outswing | Luminance/QuadraTherm | Air | .31 | .38 | .33 | 77% | 73% | 0.04 | 46 | 30 | 32 |
| Outswing | Luminance/QuadraTherm | Argon | .29 | .39 | .33 | 77% | 73% | 0.04 | 50 | 30 | 32 |

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Anlin Malibu

Structural Performance Data

| Malibu 2 1/2" & 4 1/2" Rail Doors | Min Size | Max Size | Rating ⁽¹⁾ |
|-----------------------------------|----------|-------------------------|-----------------------|
| XO, OX | 48 x 72 | 96 x 96 | R20 |
| XO, OX | 48 x 72 | 120 x 96 ⁽²⁾ | R20 |
| XOO, OOX | 72 x 72 | 144 x 96 | R20 |
| OXO | 72 x 72 | 144 x 96 | R25 |
| OXXO | 72 x 72 | 144 x 96 | R20 |
| | | 192 x 96 ⁽²⁾ | R15 |
| Side Lite | 14 x 72 | 48 x 96 | R20 |
| | | 60 x 96 ⁽²⁾ | |
| SL/SL | 28 x 72 | 96 x 96 | R20 |
| SL/SL/SL | 42 x 72 | 144 x 96 | R20 |

(1) Rating based on Max Size unit

(2) Only available in 2 1/2" rails

| Malibu French Swinging Doors | Min Size | Max Size | Rating ⁽¹⁾ Out-swing | Rating ⁽¹⁾ 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"