

NFRC/WERS Certified Product Directory

Product: 477 Series Bi-fold Door – Single Glazing

Glazing Type	Cooling Stars	Heating Stars	Uw	SHGCw
4 Clear	★	★★★☆☆	6.1	0.65
4 Green	★★	★★	6.1	0.53
4 Grey	★★	★★	6.1	0.51
5 Clear	★	★★★☆☆	6.1	0.65
5 Green	★★	★★	6.1	0.50
5 Grey	★★	★★	6.1	0.48
5 Bronze	★★	★★	6.1	0.52
5 Evergreen	★★	★★	6.1	0.45
5 Dark Grey	★★★☆☆	★★	6.1	0.44
6 Clear	★	★★★☆☆	6.1	0.63
6 Green	★★	★★	6.1	0.48
6 Grey	★★★☆☆	★★	6.1	0.45
6 Bronze	★★	★★	6.1	0.48
6 Panasap Dark Blue	★★	★★	6.1	0.46
6 Arctic Blue	★★★☆☆	★★	6.1	0.41
6 Evergreen	★★★☆☆	★★	6.1	0.41
6 Azuria	★★★☆☆	★★	6.1	0.40
6 OptiGray	★★★	★★☆☆	6.1	0.34
6.38 Clear Laminare	★★☆☆	★★★☆☆	6.0	0.62
6.38 Green Laminare	★★☆☆	★★★☆☆	6.0	0.56
6.38 Grey Laminare	★★	★★	6.0	0.48
6.38 Cool Blue Laminare	★★☆☆	★★★☆☆	6.0	0.58
6.38 Sky Blue Laminare	★★	★★★☆☆	6.0	0.53
6.38 Evergreen Laminare	★★★☆☆	★★	6.0	0.39
6.38 Solarplus TS30 Clear Laminare	★★★	★★☆☆	6.0	0.32
6.76 Clear Laminare	★★☆☆	★★★☆☆	6.0	0.61
6.76 Solutia Acoustic Laminare	★★☆☆	★★★☆☆	6.0	0.61
6 Eclipse Advantage Clear Low-E	★★★☆☆	★★★★☆☆	4.6	0.48
6 Eclipse Advantage Blue Green Low E	★★★★☆☆	★★★★	4.6	0.36
6 Eclipse Advantage Grey Low E	★★★★☆☆	★★★★	4.6	0.33
6 Eclipse Advantage Arctic Blue Low E	★★★★	★★★☆☆	4.6	0.29
6 Eclipse Advantage Evergreen Low E	★★★★	★★★☆☆	4.6	0.29
4 Sungate500 Low E	★★	★★★★☆☆	4.6	0.56
4 Energy Advantage Low E	★★★☆☆	★★★★	4.5	0.55
6 Energy Advantage Low E	★★★☆☆	★★★★	4.4	0.54
6.38 Solect Clear Low E Laminare	★★★☆☆	★★★★☆☆	4.4	0.53
6.38 Solect Green Low E Laminare	★★★★☆☆	★★★★	4.4	0.39
6.38 Solect Grey Low E Laminare	★★★★☆☆	★★★★	4.4	0.35
6.38 Optilight HL129 Laminare	★★★★☆☆	★★★★	4.4	0.39
6.38 ComfortPlus Clear Low E Laminare	★★★☆☆	★★★★☆☆	4.4	0.53
6.38 ComfortPlus Neutral Low E Laminare	★★★★	★★★★	4.4	0.40
6.38 ComfortPlus Green Low E Laminare	★★★★	★★★★	4.4	0.40
6.38 ComfortPlus Grey Low E Laminare	★★★☆☆	★★★★	4.4	0.39

NOTES

1. Uw is the whole window *U-value*
2. SHGCw is the whole window *solar heat gain coefficient*
3. Static performance (Uw SHGCw) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
4. Annual energy performance stars calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
5. Results disclosed at National Fenestration Rating Council (NFRC) regulations

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Product: 477 Series Bi-fold Door – Double Glazing

Glazing Type	Cooling Stars	Heating Stars	Uw	SHGCw
4 Clear/12 air/4 Clear IGU	★ ★ ☆	★ ★ ★ ★ ☆	3.9	0.57
4 Green/12 air/4 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★	3.9	0.44
4 Grey/12 air/4 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★	3.9	0.42
4 Azuria/12 air/4 Clear IGU	★ ★ ★ ★	★ ★ ★ ☆	3.9	0.35
4 Energy Advantage Low E (S2)/12 air/4 Clear IGU	★ ★ ★	★ ★ ★ ★ ☆	3.3	0.49
4 Clear/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★	★ ★ ★ ★ ★	3.3	0.53
4 Green/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ★	★ ★ ★ ★	3.3	0.40
4 Grey/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ★	★ ★ ★ ★	3.3	0.38
4 Azuria/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ★ ☆	★ ★ ★ ★	3.3	0.31

NOTES

1. Uw is the whole window *U-value*
2. SHGCw is the whole window *solar heat gain coefficient*
3. Static performance (Uw SHGCw) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
4. Annual energy performance stars calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
5. Results disclosed at National Fenestration Rating Council (NFRC) regulations