

NFRC/WERS Certified Product Directory

Product: 048 Series Awning Window – Single Glazing

Glazing Type	Cooling Stars	Heating Stars	Uw	SHGCw
3 Clear	★	★★★☆☆	6.4	0.62
4 Clear	★☆☆	★★★☆☆	6.4	0.61
4 Green	★★	★★★	6.4	0.49
4 Grey	★★	★★★	6.4	0.48
5 Clear	★☆☆	★★★☆☆	6.3	0.60
5 Green	★★	★★★	6.3	0.47
5 Grey	★★	★★★	6.3	0.45
5 Bronze	★★	★★★	6.3	0.49
5 Evergreen	★★☆☆	★★★	6.3	0.43
5 Dark Grey	★★☆☆	★★★	6.3	0.41
6 Clear	★☆☆	★★★☆☆	6.3	0.59
6 Green	★★	★★★	6.3	0.45
6 Grey	★★☆☆	★★★	6.3	0.42
6 Bronze	★★	★★★	6.3	0.45
6 Evergreen	★★☆☆	★★★	6.3	0.39
6 Azuria	★★☆☆	★★★	6.3	0.38
6 OptiGray	★★★	★★☆☆	6.3	0.32
6.38 Clear Laminate	★☆☆	★★★☆☆	6.2	0.58
6.38 Green Laminate	★★	★★★☆☆	6.2	0.53
6.38 Grey Laminate	★★	★★★	6.2	0.45
6.38 Solarplus TS30 Clear Laminate	★★★	★★☆☆	6.2	0.31
6.76 Clear Laminate	★☆☆	★★★☆☆	6.2	0.57
6.76 Solutia Acoustic Laminate	★★	★★★☆☆	6.2	0.52
3 Sungate500 Low-E	★★	★★★★☆☆	5.1	0.54
4 Sungate500 Low E	★★	★★★★☆☆	5.1	0.53
6 Eclipse Advantage Clear Low-E	★★☆☆	★★★★☆☆	5.0	0.46
6 Eclipse Advantage Blue Green Low E	★★★☆☆	★★★★	5.0	0.34
6 Eclipse Advantage Grey Low E	★★★☆☆	★★★☆☆	5.0	0.31
6 Eclipse Advantage Evergreen Low E	★★★☆☆	★★★☆☆	5.0	0.28
6 Eclipse Advantage Arctic Blue Low E	★★★☆☆	★★★☆☆	5.0	0.28
3 Energy Advantage Low-E	★★	★★★★☆☆	4.9	0.53
4 Energy Advantage Low E	★★☆☆	★★★★☆☆	4.9	0.52
6 Energy Advantage Low E	★★☆☆	★★★★☆☆	4.9	0.51
6.38 Solect Clear Low E Laminate	★★☆☆	★★★★☆☆	4.9	0.50
6.38 Solect Green Low E Laminate	★★★	★★★★	4.9	0.37
6.38 Solect Grey Low E Laminate	★★★☆☆	★★★★	4.9	0.33
6.38 ComfortPlus Clear Low E Laminate	★★☆☆	★★★★☆☆	4.9	0.50
6.38 ComfortPlus Neutral Low E Laminate	★★★	★★★★	4.9	0.39
6.38 ComfortPlus Green Low E Laminate	★★★	★★★★	4.9	0.38
6.38 ComfortPlus Grey Low E Laminate	★★★	★★★★	4.9	0.37

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: 048 Series Awning Window – Double Glazing

Glazing Type	Cooling Stars	Heating Stars	Uw	SHGCw
5 Clear/10 air/5 Clear IGU	★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.54
5 Green/10 air/5 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★	4.1	0.41
5 Grey/10 air/5 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.38
5 Evergreen/10 air/5 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.36
6 Clear/8 air/6 Clear IGU	★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.53
6 Green/8 air/6 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.38
6 Grey/8 air/6 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.35
6 Bronze/8 air/6 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.38
6 Evergreen/8 air/6 Clear IGU	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	4.1	0.31
6 Azuria/8 air/6 Clear IGU	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	4.1	0.31
6.38 Clear Laminate/8 air/6 Clear IGU	★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.51
6.38 Green Laminate/8 air/6 Clear IGU	★ ★ ★	★ ★ ★ ★ ★	4.1	0.46
6.38 Grey Laminate/8 air/6 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.1	0.38
3 Clear/14 air/3 Clear IGU	★ ★ ☆	★ ★ ★ ★ ★ ☆	4.0	0.57
4 Clear/12 air/4 Clear IGU	★ ★ ☆	★ ★ ★ ★ ★ ☆	4.0	0.56
4 Green/12 air/4 Clear IGU	★ ★ ★	★ ★ ★ ★ ★	4.0	0.43
4 Grey/12 air/4 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★	4.0	0.41
4 Azuria/12 air/4 Clear IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	4.0	0.35
6 Energy Advantage Low E (S2)/8 air/6 Clear IGU	★ ★ ★	★ ★ ★ ★ ★ ☆	3.7	0.47
4 Energy Advantage Low E (S2)/12 air/4 Clear IGU	★ ★ ★	★ ★ ★ ★ ★ ☆	3.5	0.48
4 Clear/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★	★ ★ ★ ★ ★	3.5	0.52
4 Green/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	3.5	0.39
4 Grey/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ★	★ ★ ★ ★ ★	3.5	0.37
4 Azuria/12 air/4 Energy Advantage Low E (S3) IGU	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	3.5	0.31
4 Sungate500 Low E (S2)/12 air/4 Clear IGU	★ ★ ★	★ ★ ★ ★ ★ ☆	3.5	0.49
4 Clear/12 air/4 Sungate500 Low E (S3) IGU	★ ★ ★	★ ★ ★ ★ ★	3.5	0.52
4 Green/12 air/4 Sungate500 Low E (S3) IGU	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	3.5	0.39
4 Grey/12 air/4 Sungate500 Low E (S3) IGU	★ ★ ★ ★	★ ★ ★ ★ ★	3.5	0.37
4 Azuria/12 air/4 Sungate500 Low E (S3) IGU	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	3.5	0.31
3 Energy Advantage Low E (S2) /14 air/3 Clear IGU	★ ★ ★	★ ★ ★ ★ ★	3.4	0.49
3 Clear/14 air/3 Energy Advantage Low E (S3) IGU	★ ★ ★	★ ★ ★ ★ ★	3.4	0.53
4 Solarban60 Low E (S2)/12 air/4 Clear IGU	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	3.3	0.30
4 Green/12 air/4 SolarBan60 Low E (S3) IGU	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	3.3	0.30
4 Grey/12 air/4 SolarBan60 Low E (S3) IGU	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	3.3	0.26

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.
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