



Energy and structural Performance

Tradition - Fixed -Casement and Awning - Wood - Aluminum-Cladding- Exterior

INFORMATION

SDL : Simulated Divided Light is composed of small bars glued directly on both sides of the glass surface to simulate the appearance of true divided lites.

U Factor: (Btu/h-ft2-F) The lower the U-factor, the better the ability to resist to heat transfer.

SHGC: Solar Heat Gain Coefficient, the higher the SHGC, the more the solar heat is transmitted inside.

ER: The Energy Rating is the result of a formula taking into account the U-value, the SHGC and the airtightness of the product. The ER value measures the overall performance of a window. The higher the value, the better the product efficiency in terms of energy.

NFRC : National Fenestration Rating Council

VT Visible transmittance (expressed as a number from 0 to 1) also known as Visible light transmission (VLT - expressed as a percentage %) is a measurement of the amount of light in the visible portion of the spectrum that passes through glass

NFRC CODE	THERMOS	CODE	U Factor/ (Btu/h-ft2-F)	Solar Heat Gain Coefficient (SHGC)	Visible transmittance (VT)	Energy Rating (ER)
MPE-M-39-00058	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su	0,29	0,57	0,63	37
MPE-M-39-00059	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su, Grids<1"	0,29	0,51	0,56	33
MPE-M-39-00060	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su, SDLwSB<1"	0,29	0,51	0,56	33
MPE-M-39-00061	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su, SDLwSB>=1"	0,29	0,46	0,50	30
MPE-M-39-00062	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su, SDL<1"	0,29	0,51	0,56	33
MPE-M-39-00063	8071 Double 1 LowE	HYB, 3mm 7/8 PCI-arg95-8071#3, su, SDL>=1"	0,29	0,46	0,50	30
MPE-M-39-00064	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su	0,22	0,52	0,58	42
MPE-M-39-00065	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su, Grids<1"	0,22	0,47	0,52	40
MPE-M-39-00066	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su, SDLwSB<1"	0,22	0,47	0,52	40
MPE-M-39-00067	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su, SDLwSB>=1"	0,22	0,42	0,46	37
MPE-M-39-00068	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su, SDL<1"	0,22	0,47	0,52	40
MPE-M-39-00069	8071 Triple 1 LowE	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-8071#5, su, SDL>=1"	0,22	0,42	0,46	37
MPE-M-39-00071	8071 Triple 2 LowE	HYB, 3mm 1 1/4 8071#2-arg95-PCI-arg95-8071#5, su, Grids<1"	0,19	0,42	0,50	40
MPE-M-39-00072	8071 Triple 2 LowE	HYB, 3mm 1 1/4 8071#2-arg95-PCI-arg95-8071#5, su, SDLwSB<1"	0,19	0,42	0,50	40
MPE-M-39-00073	8071 Triple 2 LowE	HYB, 3mm 1 1/4 8071#2-arg95-PCI-arg95-8071#5, su, SDLwSB>=1"	0,19	0,37	0,44	38
MPE-M-39-00034	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su	0,27	0,40	0,58	29
MPE-M-39-00035	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su, Grids<1"	0,27	0,36	0,52	27
MPE-M-39-00036	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su, SDL<1"	0,27	0,36	0,52	27
MPE-M-39-00037	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su, SDL>1"	0,27	0,32	0,46	25
MPE-M-39-00038	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su, SDL-SB<1"	0,27	0,36	0,52	27
MPE-M-39-00039	SB-60 double	HYB, 3mm 7/8 PCI-arg95-SB60#3, su, SDL-SB>1"	0,27	0,32	0,46	25
MPE-M-39-00040	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su	0,21	0,37	0,53	35
MPE-M-39-00041	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su, Grids<1"	0,21	0,33	0,47	33
MPE-M-39-00042	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su, SDL<1"	0,21	0,33	0,47	33
MPE-M-39-00043	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su, SDL>1"	0,21	0,30	0,42	31
MPE-M-39-00044	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su, SDL-SB<1"	0,21	0,33	0,47	33
MPE-M-39-00045	SB-60 triple 1 lowe	HYB, 3mm 1 1/4 PCI-arg95-PCI-arg95-SB60#5, su, SDL-SB>1"	0,21	0,30	0,42	31
MPE-M-39-00046	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su	0,17	0,28	0,47	35
MPE-M-39-00047	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su, Grids<1"	0,18	0,25	0,42	32
MPE-M-39-00048	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su, SDL<1"	0,17	0,25	0,42	33
MPE-M-39-00049	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su, SDL>1"	0,17	0,23	0,37	32
MPE-M-39-00050	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su, SDL-SB<1"	0,18	0,25	0,42	32
MPE-M-39-00051	SB-60 triple 2 lowe	HYB, 3mm 1 1/4 SB60#2-arg95-PCI-arg95-SB60#5, su, SDL-SB>1"	0,18	0,23	0,37	31

\$ Eligible for the Energy Star program



Structural Performance

PERFORMANCE TESTING IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-08

Performance Grade (PG)	Airtightness	Water tightness	Wind load resistance	Screen resistance	Resistance to forced entry	Usability	Structural test
CW-CP55-FW	A3	B7	C3	N/A	Successful	N/A	PES 55 (3 960 Pa)

PG: Performance Grade from the NAFS-08 harmonized standard (North American Fenestration Standard) for a given size on a scale from PG15 to PG100. The higher the value is, the better the product efficiency.

Airtightness: Resistance to air exfiltration/infiltration on a scale ranging from A1 to A3. The higher the value, the greater the sealing.

Water tightness: Resistance to water infiltration on a scale ranging from B1 to B7. The higher the value, the greater the sealing.

Wind load resistance: Resistance to wind pressures on a scale ranging from C1 to C5 without breakage or permanent deformation. The higher the value, the greater the resistance.

Screen resistance: Resistance rating without damage or permanent deformation while remaining firmly attached to the window under a force of 60 Newtons outwards.

Resistance to forced entry: Capacity when locked to withstand a forced entry under specified load and conditions for a rating of F10 or F20. The higher the value, the greater the resistance.

Usability: Test for measuring the force required to initiate and maintain the opening movement of the window or the door.

Structural test: Structural test pressure (STP) [greater than values specified in pounds per square foot (psf) or in pascals (Pa)] supported before permanent deformation measured on the jamb of the sash. Maximum values indicated.