

Golden Window Products are manufactured and pre-assembled to conform to AAMA/WDMA/CSA101/I.S.2/A440-08, "NAFS - North American Fenestration Standard / Specification for Windows, Doors, and Skylights" and CSA A440S1-09, "Canadian Supplement to AAMA/WDMA/CSA101/I.S.2/A440-08, NAFS - North American Fenestration Standard / Specification for Windows, Doors, and Skylights" and the applicable requirements of the 2012 Ontario Building Code.

**INSTALL
THIS END UP**

Window must be installed
in vertical position only

GOLDENGLAD & GOLDENWOOD WINDOWS, SLIDING PATIO DOORS & ENTRIES

with Warm Edge Spacer Technology

Clad/Wood Casement Window (Operating)

Class CW-PG40: Size tested 900 x 1950 mm (35.4 x 76.8)-Type C
Positive Design Pressure = 2130 Pa (44 psf)
Negative Design Pressure = -2130 Pa (-44 psf)
Water Penetration Resistance Test Pressure = 400 Pa (8 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.297/0.239m³/h/m)

Clad/Wood Double Hung Window

Class LC-PG35: Size tested 1159 x 2360 mm (45.6 x 92.9)-Type H
Positive Design Pressure = 1710 Pa (36 psf)
Negative Design Pressure = -1710 Pa (-36 psf)
Water Penetration Resistance Test Pressure = 400 Pa (8 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.230/0.410m³/h/m)

Clad/Wood Double Hung Transom Window

Class CW-PG35: Size tested 2318 x 2000 mm (91.3 x 78.7)-Type FW
Positive Design Pressure = 3970 Pa (83 psf)
Negative Design Pressure = -3970 Pa (-83 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.116/0.056m³/h/m)

Clad/Wood Sliding Patio Door

Class LC-PG30: Size tested 2412 x 2423 mm (94.96 x 95.39)-Type SD
Positive Design Pressure = 1440 Pa (30 psf)
Negative Design Pressure = -1440 Pa (-30 psf)
Water Penetration Resistance Test Pressure = 400 Pa (8 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.892/0.921m³/h/m)

Clad/Wood Entry Door

Class LC-PG35: Size tested 2849 x 2478 mm (112.2 x 97.6)-Type SHD
Positive Design Pressure = 1680 Pa (35 psf)
Negative Design Pressure = -1680 Pa (-35 psf)
Water Penetration Resistance Test Pressure = 260 Pa (5.25 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.892/0.921m³/h/m)

Clad/Wood Casement Window (Fixed)

Class CW-PG35: Size tested 2000 x 2000 mm (78.7 x 78.7)-Type FW
Positive Design Pressure = 1760 Pa (37 psf)
Negative Design Pressure = -1760 Pa (-37 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.097/0.044m³/h/m)

Clad/Wood Double Hung Fixed Picture Window

Class CW-PG35: Size tested 2000 x 2360 mm (78.7 x 92.9)-Type FW
Positive Design Pressure = 3930 Pa (82 psf)
Negative Design Pressure = -3930 Pa (-82 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.291/0.201m³/h/m)

Clad/Wood Fixed Picture Window

Class CW-PG35: Size tested 1600 x 3200 mm (63 x 126.0)-Type FW
Positive Design Pressure = 3870 Pa (81 psf)
Negative Design Pressure = -3870 Pa (-81 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.232/0.174m³/h/m)

Clad/Wood Sliding Patio Door Sidelite

Class LC-PG30: Size tested 1251 x 2423 mm (49.25 x 95.39)-Type SLT
Positive Design Pressure = 1440 Pa (30 psf)
Negative Design Pressure = -1440 Pa (-30 psf)
Water Penetration Resistance Test Pressure = 510 Pa (11 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.443/0.433m³/h/m)

Wood Utility Door

Class LC-PG35: Size tested 952 x 2007 mm (37.5 x 81.6)-Type LW SHD
Positive Design Pressure = 1680 Pa (35 psf)
Negative Design Pressure = -1680 Pa (-35 psf)
Water Penetration Resistance Test Pressure = 0 Pa (0 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (1.22/1.22m³/h/m)

GOLDENVINYL WINDOWS & SLIDING PATIO DOORS

with Warm Edge Spacer Technology

3000 & 5000 Series Casement Window (Operating)

Class CW-PG55: Size tested 800 x 1600 mm (32 x 63)-Type C
Positive Design Pressure = 2640 Pa (55 psf)
Negative Design Pressure = -2640 Pa (-55 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.227/0.384m³/h/m)

5000 Series Double Slider Window

Class R-PG25: Size tested 1600 x 1100 mm (63 x 43)-Type HS
Positive Design Pressure = 1200 Pa (25 psf)
Negative Design Pressure = -1200 Pa (-25 psf)
Water Penetration Resistance Test Pressure = 220 Pa (4.5 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.439/0.488m³/h/m)

3000 Series Single Slider Window

Class LC-PG25: Size tested 1596 x 1117 mm (62.8 x 44)-Type HS
Positive Design Pressure = 1200 Pa (25 psf)
Negative Design Pressure = -1200 Pa (-25 psf)
Water Penetration Resistance Test Pressure = 290 Pa (6 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.330/0.330m³/h/m)

3000 & 5000 Series Fixed Picture Window

Class CW-PG75: Size tested 1500 x 1500 mm (59 x 59)-Type FW
Positive Design Pressure = 3600 Pa (75 psf)
Negative Design Pressure = -3600 Pa (-75 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.029/0.014m³/h/m)

3000 & 5000 Series Casement Window (Fixed)

Class CW-PG85: Size tested 1500 x 1500 mm (59 x 59)-Type FW
Positive Design Pressure = 4080 Pa (85 psf)
Negative Design Pressure = -4080 Pa (-85 psf)
Water Penetration Resistance Test Pressure = 730 Pa (15 psf)
Canadian Air Infiltration/Exfiltration = Fixed Level (0.030/0.030m³/h/m)

5000 Series Double Hung Window

Class R-PG55: Size tested 1000 x 1600 mm (39 x 63)-Type H
Positive Design Pressure = 3360 Pa (70 psf)
Negative Design Pressure = -3360 Pa (-70 psf)
Water Penetration Resistance Test Pressure = 400 Pa (8 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.364/0.444m³/h/m)

3000 Series Single Hung Window

Class LC-PG25: Size tested 1017 x 1599 mm (40 x 63)-Type H
Positive Design Pressure = 1200 Pa (25 psf)
Negative Design Pressure = -1200 Pa (-25 psf)
Water Penetration Resistance Test Pressure = 690 Pa (14.25 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.290/0.310m³/h/m)

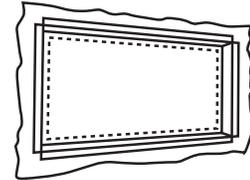
Sliding Patio Door

Class R-PG50: Size tested 1800 x 2060 mm (71 x 81)-Type SD
Positive Design Pressure = 2400 Pa (50 psf)
Negative Design Pressure = -2400 Pa (-50 psf)
Water Penetration Resistance Test Pressure = 400 Pa (8 psf)
Canadian Air Infiltration/Exfiltration = A3 Level (0.350/0.350m³/h/m)

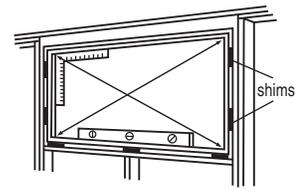
INSTALLATION TECHNIQUES

The eventual performance of your windows and doors is greatly influenced by the quality of installation. Two main objectives should be kept in mind when installing windows.

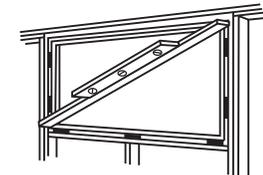
1. Avoid distortion "out of square" and "out of plane".
2. Create an insulated, air tight joint between the window and the wall. Air leakage around windows and doors can be a major cause of uncomfortable drafts.



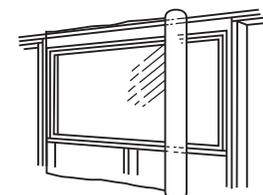
- 1 Set unit into properly prepared rough opening, 3/4" to 1" larger than frame dimension. Fold strip of building paper around outside of rough opening to seal sheathing to framing joint.



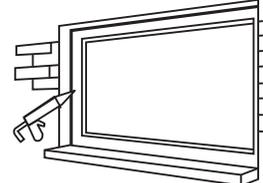
- 2 Level sill; shim at corners, 8" from corners on side jamb for Goldenvinyl® (6" for Goldenclad® or 2" for Goldenwood®), under each mullion, at centre of awning window sill, at centre of horizontal slider sill, at meeting rail of single/double hung windows, at quarter points of sill on fixed units, and approximately every 12". Ensure all frame members are square and straight. Check operation several times during installation and look for consistent clearance between sash and frame.



- 3 Be sure that the window or door is plumb across both diagonals. This is extremely important with entrance systems. Fasten unit to wall structure through shims. Install screws in pre-drilled holes, where applicable.



- 4 Loosely pack cavity with fibre insulation or low expanding foam. Avoid inward bowing of frame members. Unroll polyethylene over entire wall including window. Staple and cut even with interior trim.



- 5 In masonry installations leave 1/4" clearance between frame and masonry and fill with good quality exterior caulking. BE SURE TO LEAVE A 3/8" CLEARANCE BETWEEN THE WINDOW AND MASONRY SILL TO ALLOW FOR WALL SHRINKAGE. COVER THIS CAVITY WITH CAULKING.

Improper installation and/or improper painting and finishing may void warranty.

THANK YOU FOR SELECTING GOLDEN WINDOWS

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MANUFACTURED IN CANADA

Printed in Canada

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