



TEST REPORT

Report No.: A8776.02-501-47

Rendered to:

EARTHWISE, GROUP, LLC
Liberty Township, Ohio

PRODUCT TYPE: Double Hung Window

SERIES/MODEL: 177.043 Double Hung

SPECIFICATION: AAMA/WDMA/CSA 101/I.S.2/A440-05, *Standard/Specification
for Windows, Doors, and Unit Skylights.*

Test Dates: 03/28/11
Through: 04/01/11
Report Date: 09/21/11
Test Record Retention Date: 04/01/15

Summary of Results

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Title	Test Specimen #1 3/32" Glass Reinforced Both Meeting Rails	Test Specimen #2 1/8" Glass Reinforced Both Meeting Rails
Primary Product Designator	H-LC35 1118 x 1905 (44 x 75)	H-LC40 1118 x 1905 (44 x 75)
Design Pressure	±1680 Pa (±35.09 psf)	±1920 Pa (±40.10 psf)
Air Infiltration	0.7 L/s/m ² (0.13 cfm/ft ²)	0.6 L/s/m ² (0.12 cfm/ft ²)
Water Penetration Resistance Test Pressure	260 Pa (5.43 psf)	360 Pa (07.52 psf)
Maximum Structural Test Pressure	±2520 Pa (±52.63 psf)	±2880 Pa (±60.15 psf)

Summary of Results	
Title	Test Specimen #3 3/32" Glass Reinforced Interior Meeting Rail
Primary Product Designator	H-R55 1016 x 1600 (40 x 63)
Design Pressure	±2640 Pa (±55.14 psf)
Air Infiltration	0.6 L/s/m ² (0.11 cfm/ft ²)
Water Penetration Resistance Test Pressure	400 Pa (08.36 psf)
Maximum Structural Test Pressure	±3960 Pa (±82.71 psf)

Test Completion Date: 04/01/2011

Reference must be made to Report No. A8776.02-501-47, dated 09/21/11 for complete test specimen description and detailed test results.