

NAFS Test Report Summary

Adjustable + Bumper Sill Systems

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

NAFS Test Report Summary

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All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

NAFS Report Summary - Inswing Single Door - 6/8

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Inswing Single Door - 6/8 - X				
Test		Results		PG35
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level	
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43)	PASS	
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63)	PASS	

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Inswing Single Door - 8/0

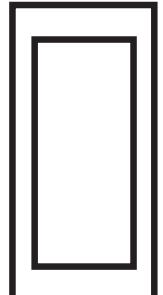
All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Inswing Single Door - 8/0 - X			
Test	Results	PG25	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	180 (3.76)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1200 (35.09) ± 1800 (52.63)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Inswing Door + Sidelites - 6/8

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

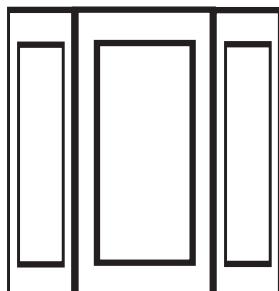
Inswing Single Door with Sidelites - 6/8 - OXO

Test	Results	PG35
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43)
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63)

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Sidelite	Steel or Fiberglass	6/8 Sidelite Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Sidelite Glass	Direct Glaze or Sidelite Glass	Direct Glaze or Sidelite Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Sidelite Seat	ZSLB-60NT or ZSLB-70	1 3/4" Sidelite Seat or Direct Glaze Sidelite Seat
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb
Mull Post	J-P-MP-438-212A	Aluminum Reinforced Composite Mull Post



NAFS Report Summary - Inswing Door + Sidelites - 8/0

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

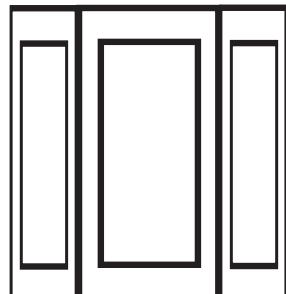
Inswing Single Door with Sidelites - 8/0 - OXO

Test	Results	PG25
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	180 (3.76)
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1200 (35.09) ± 1800 (52.63)

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Sidelite	Steel or Fiberglass	8/0 Sidelite Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Sidelite Glass	Direct Glaze or Sidelite Glass	Direct Glaze or Sidelite Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Sidelite Seat	ZSLB-60NT or ZSLB-70	1 3/4" Sidelite Seat or Direct Glaze Sidelite Seat
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb
Mull Post	J-P-MP-438-212A	Aluminum Reinforced Composite Mull Post



NAFS Report Summary - Inswing Double Door - 6/8

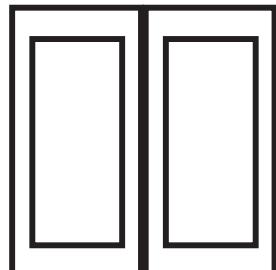
All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Inswing Double Door - 6/8 - XX			
Test	Results	PG15	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	140 (2.92)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±720 (15.04) ±1080 (22.56)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Astragal	ASTAFLWHT or 08-719521-RW	Flip Lever or Aluminum Astragal
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Inswing Double Door - 8/0

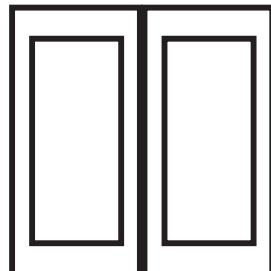
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Inswing Double Door - 8/0 - XX			
Test	Results	PG15	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	140 (2.92)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±720 (15.04) ± 1080 (22.56)	PASS

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Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT or LP	Adjustable or Lo-Pro Sill
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Astragal	ASTAFLWHT or 08-719521-RW	Flip Lever or Aluminum Astragal
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Outswing Single Door - 6/8

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Outswing Single Door 6/8 - X			
Test	Results	PG35	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Weatherstrip	WSPE65LW 03-3797-RW	PE650 or RW650 Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Outswing Single Door - 8/0

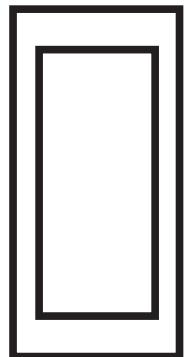
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Outswing Single Door 8/0 - X			
Test	Results	PG25	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	180 (3.76)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1200 (35.09) ± 1800 (52.63)	PASS

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The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Weatherstrip	WSPE65LW 03-3797-RW	PE650 or RW650 Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Outswing Door + Sidelites - 6/8

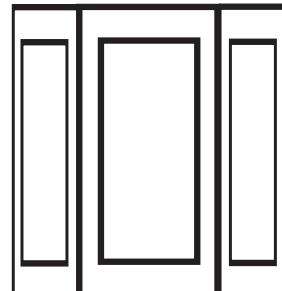
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Outswing Single Door with Sidelites - 6/8 - OXO			
Test	Results	PG35	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Sidelite	Steel or Fiberglass	6/8 Sidelite Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Sidelite Glass	Direct Glaze or Sidelite Glass	Direct Glaze or Sidelite Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Sidelite Seat	ZSLB-60NT or ZSLB-70	1 3/4" Sidelite Seat or Direct Glaze Sidelite Seat
Weatherstrip	WSPE65LW 03-3797-RW	PE650 or RW650 Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb
Mull Post	J-P-MP-438-212A	Aluminum Reinforced Composite Mull Post



NAFS Report Summary - Outswing Door + Sidelites - 8/0

All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

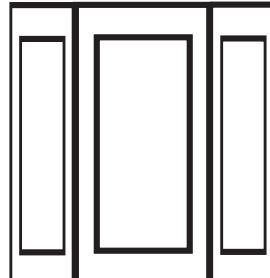
Outswing Single Door with Sidelites - 8/0 - OXO

Test	Results	PG25
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10) A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43) PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63) PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Sidelite	Steel or Fiberglass	8/0 Sidelite Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Sidelite Glass	Direct Glaze or Sidelite Glass	Direct Glaze or Sidelite Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Sidelite Seat	ZSLB-60NT or ZSLB-70	1 3/4" Sidelite Seat or Direct Glaze Sidelite Seat
Weatherstrip	WSPE65LW 03-3797-RW	PE650 or RW650 Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb
Mull Post	J-P-MP-438-212A	Aluminum Reinforced Composite Mull Post



NAFS Report Summary - Outswing Double Door - 6/8

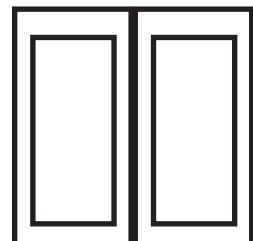
All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Outswing Double Door - 6/8 - XX			
Test	Results	PG20	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	180 (3.76)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±960 (20.05) ± 1440 (30.08)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Door	Steel or Fiberglass	6/8 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Astragal	ASTAFLWHT or 08-719521-RW	Flip Lever or Aluminum Astragal
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Outswing Double Door - 8/0

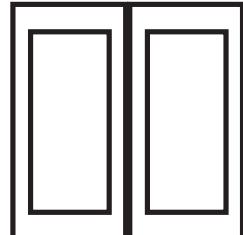
All systems tested to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights.

Outswing Double Door - 8/0 - XX			
Test	Results	PG20	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	180 (3.76)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±960 (20.05) ±1440 (30.08)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, more than one product was tested. See hinges and weatherstrip as examples..

Product	Part Number	Description
Door	Steel or Fiberglass	8/0 Door Panel
Door Glass	Clear, Deco, Mini Blind Vent	Full Door Glass
Hinges	BB44-304 or BB44	SS Ball Bearing Hinges or Ball Bearing Hinges
Sill	ZAILT-NC + RPCAP-ZFOBUNV-2 or -4	Adjustable Sill (no cap) + OS Bumper Cap
Sweep	DBK-BL or DBBS	Kerf Mounted or Box Sweep - Double Bubble
Astragal	ASTAFLWHT or 08-719521-RW	Flip Lever or Aluminum Astragal
Weatherstrip	WSPE650 or 03-3797-RW	PE650 or RW650 Low Wick Weatherstrip
Corner Pads	PADCORNER	Low Wick Foam Corner Pad
Jambs	Composite or PVC Wrapped	Composite or PVC Wrapped Wood Jamb



NAFS Report Summary - Transom

All systems test to Canadian supplement AAMA/WDMA/CSA 101/I.S.2A440, NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights

Transom			
Test	Results	PG35	
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): Allowable Air Leakage, L/s·m ² (cfm/ft ²):	75 (1.57) 0.5 (0.10)	PASS A3 Level
Water Penetration (ASTM E547)	Test Pressure, Pa (psf):	260 (5.43)	PASS
Uniform Load (ASTM E330)	Test Pressure (DP), Pa (psf): Test Pressure (STP), Pa (psf):	±1680 (35.09) ± 2520 (52.63)	PASS

Bill of Materials

The Bill of Materials indicates what products were used to build the door system. In some cases, other options were also tested. See hinges and weatherstrip as examples.

Product	Part Number	Description
Jambs	J-P-83F-BW	Composite Jambs
Transom Sill	J-P-TS-7688	Composite Transom Sill
Transom	Custom Transom	24" x 75" transom glass

