



LISTING INFORMATION OF

Polytech Products Ltd. - Vinyl Dual Action Side Hinged Door

SPEC ID: 59009

Polytech Products Ltd.
8819 Highway 105
R.R. #3
Baddeck, NS B0E1B0
Canada

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LISTING INFORMATION

PERFORMANCE RATINGS:

Vinyl Dual Action Side Hinged Door - MDCLK

| AAMA/WDMA/CSA 101/I.S.2/A440 | | |
|---|--|----------------------|
| OVERALL DIMENSIONS | PRIMARY DESIGNATOR | |
| Width: 950 mm | Class LC - PG65: Size Tested: 950 x 2110 mm – Type DASHD | |
| Height: 2110 mm | SECONDARY DESIGNATOR | RATINGS |
| | Positive Design Pressure | +3120 Pa (+65.2 psf) |
| The size listed is the maximum that can be certified. | Negative Design Pressure | -3120 Pa (-65.2 psf) |
| | Water Penetration Test Pressure | 720 Pa (15.0 psf) |
| | Canadian Air Infiltration / Exfiltration Level | A3 |
| | Additional Test | Rating |
| | Resistance to Forced Entry | Met Requirement |
| | Insect Screen Serviceability Test | N/A |

Vinyl Dual Action Side Hinged Door with Operable Sidelite - MDDTTNPGX

| AAMA/WDMA/CSA 101/I.S.2/A440 | | |
|---|---|----------------------|
| OVERALL DIMENSIONS | PRIMARY DESIGNATOR | |
| Width: 1740 mm | Class LC - PG25: Size Tested: 1740 x 2100 mm – Type DASHD,SHD | |
| Height: 2100 mm | SECONDARY DESIGNATOR | RATINGS |
| | Positive Design Pressure | +1200 Pa (+25.1 psf) |
| The size listed is the maximum that can be certified. | Negative Design Pressure | -1200 Pa (-25.1 psf) |
| | Water Penetration Test Pressure | 720 Pa (15.0 psf) |
| | Canadian Air Infiltration / Exfiltration Level | A3 |
| | Additional Test | Rating |
| | Resistance to Forced Entry | Met Requirement |
| | Insect Screen Serviceability Test | Not applicable |

Vinyl Dual Action Side Hinged Composite Door - MDDGX

| AAMA/WDMA/CSA 101/I.S.2/A440 | | |
|--------------------------------|---|----------------------|
| OVERALL DIMENSIONS | PRIMARY DESIGNATOR | |
| Width: 1800 mm | Class LC - PG40: Size Tested: 1800 x 2100 mm – Type DASHD | |
| Height: 2100 mm | SECONDARY DESIGNATOR | RATINGS |
| | Positive Design Pressure | +1920 Pa (+40.1 psf) |
| The size listed is the maximum | Negative Design Pressure | -1920 Pa (-40.1 psf) |
| | Water Penetration Test Pressure | 720 Pa (15.0 psf) |

| | | |
|------------------------|--|-----------------|
| that can be certified. | Canadian Air Infiltration / Exfiltration Level | A3 |
| | Additional Test | Rating |
| | Resistance to Forced Entry | Met requirement |
| | Insect Screen Serviceability Test | Met requirement |

THERMAL PERFORMANCE:

Product has been energy modeled in accordance with CSA A440.2 using THERM 7.4 and WINDOW 7.4. Please see the ER ratings under the attached Design section.

| PRODUCT | STANDARD | ENERGY REPORT NAME |
|--|------------|------------------------|
| Vinyl Dual Action Side Hinged Composite Door - MDDGX | CSA A440.2 | A. G104153404 DASHD ER |

LIMITATIONS:


Only glazing units (IGUs) that are IGMA or IGMAC certified are eligible for Intertek Certification and labelling.

| Attribute | Value |
|---------------------|---|
| Criteria | CSA A440.2/A440.3 (2014) |
| Criteria | AAMA/WDMA/CSA 101/I.S.2/A440 (2017) Ed. 4 |
| CSI Code | 08 10 00 Doors and Frames |
| Intertek Services | Certification |
| Listed or Inspected | LISTED |
| Listing Section | FENESTRATION |
| Spec ID | 59009 |

DRAWING INDEX

A. G104153404 DASHD ER


A. G104153404 DASHD ER

|  | | Client: Polytech Products Inc. Project Number: G104153404 Window 7.4 Database: L5754.02 W7.mdb Spacer: Quanex Super Spacer Premium Model Type: Vinyl Dual Action Side Hinged Composite Door - MDDGX | | | | Date: Mar-01-2021 Simulated by: Richard A. McVicker III Reviewed by: Eric S. Leitner | | | | Standard: CSA A440.2-14 | | | | |
|---|---|---|-------------------------------------|------------|-----------------------|--|--|--|---------------------------|---|---------------------|------------------|-------------------------|-----|
| ID | Manufacturer Product ID | Glazing Details | LowE Emittance | Gap / Fill | Spacer | Divider | Air leakage Infiltration [L/(m ² ·h)] | Air leakage Exfiltration [L/(m ² ·h)] | Visual Transmittance (VT) | Overall U-Factor [W/(m ² ·°C)] | SHGC _{tot} | Energy Rating ER | Energy Star Requirement | |
| 1 | MDDGX-DASHD-CLR4-ARG-CG8071C4 | Double glazing Exterior - Guardian CFG40 on 4mm Clear Interior - Guardian CG8071 on 4mm Clear (S#3) | ID#: 3014 ID#: 3259 | 0.082 | 16.3 mm ARG 90% | ZF-S | None | 0.0 | 0.0 | 0.53 | 1.60 | 0.47 | 32 | NO |
| 2 | MDDGX-DASHD-CLR4-ARG-CG8071C4-DIV | Double glazing Exterior - Guardian CFG40 on 4mm Clear Interior - Guardian CG8071 on 4mm Clear (S#3) | ID#: 3014 ID#: 3259 | 0.082 | 16.3 mm ARG 90% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.45 | 1.60 | 0.41 | 29 | NO |
| 3 | MDDGX-DASHD-CLR5-ARG-CG8071C5 | Double glazing Exterior - Guardian CFG50 on 5mm Clear Interior - Guardian CG8071 on 5mm Clear (S#3) | ID#: 3015 ID#: 3260 | 0.082 | 14.3 mm ARG 90% | ZF-S | None | 0.0 | 0.0 | 0.52 | 1.59 | 0.46 | 32 | NO |
| 4 | MDDGX-DASHD-CLR6-ARG-CG8071C6 | Double glazing Exterior - Guardian CFG60 on 6mm Clear Interior - Guardian CG8071 on 6mm Clear (S#3) | ID#: 3016 ID#: 3261 | 0.082 | 11.1 mm ARG 90% | ZF-S | None | 0.0 | 0.0 | 0.52 | 1.58 | 0.45 | 31 | NO |
| 5 | MDDGX-DASHD-CLR4-ARG-CLR4-ARG-CG8071C4 | Triple glazing Exterior - Guardian CFG40 on 4mm Clear Middle - Guardian CFG40 on 4mm Clear Interior - Guardian CG8071 on 4mm Clear (S#5) | ID#: 3014 ID#: 3014 ID#: 3259 | 0.082 | 7.9/7.9 mm ARG 90% | ZF-S | None | 0.0 | 0.0 | 0.48 | 1.44 | 0.42 | 33 | NO |
| 6 | MDDGX-DASHD-CLR4-ARG-CLR4-ARG-CG8071C4-DIV | Triple glazing Exterior - Guardian CFG40 on 4mm Clear Middle - Guardian CFG40 on 4mm Clear Interior - Guardian CG8071 on 4mm Clear (S#5) | ID#: 3014 ID#: 3014 ID#: 3259 | 0.082 | 7.9/7.9 mm ARG 90% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.41 | 1.45 | 0.36 | 29 | NO |
| 7 | MDDGX-DASHD-CLR4-ARG-CG8071C4-ARG-CG8071C4 | Triple glazing Exterior - Guardian CFG40 on 4mm Clear Middle - Guardian CG8071 on 4mm Clear (S#3) Interior - Guardian CG8071 on 4mm Clear (S#5) | ID#: 3014 ID#: 3259 ID#: 3259 | 0.082 | 7.9/7.9 mm ARG 90% | ZF-S | None | 0.0 | 0.0 | 0.47 | 1.26 | 0.40 | 36 | YES |
| 8 | MDDGX-DASHD-SCLR4-ARG95-SG400C4-ARG95-SH400C4 | Triple glazing Exterior - Vitro S on 4mm Middle - Vitro SG400 on 4mm Clear (S#3) Interior - Vitro SG400 on 4mm Clear (S#5) | ID#: 5002 ID#: 5233 ID#: 5233 | 0.113 | 6.3/6.3 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.46 | 1.4 | 0.41 | 33 | NO |
| 9 | MDDGX-DASHD-SCLR4-ARG95-SG400C4-ARG95-SH400C4-DIV | Triple glazing Exterior - Vitro S on 4mm Middle - Vitro SG400 on 4mm Clear (S#3) Interior - Vitro SG400 on 4mm Clear (S#5) | ID#: 5002 ID#: 5233 ID#: 5233 | 0.113 | 6.3/6.3 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.39 | 1.44 | 0.35 | 29 | NO |
| 10 | MDDGX-DASHD-SCLR3-ARG95-SG400C3-ARG95-SG400C3 | Triple glazing Exterior - Vitro S on 3mm Middle - Vitro SG400 on 3mm Clear (S#3) Interior - Vitro SG400 on 3mm Clear (S#5) | ID#: 5001 ID#: 5232 ID#: 5232 | 0.113 | 10/10 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.46 | 1.18 | 0.41 | 38 | YES |
| 11 | MDDGX-DASHD-SCLR3-ARG95-SG400C3-ARG95-SG400C3-DIV | Triple glazing Exterior - Vitro S on 3mm Middle - Vitro SG400 on 3mm Clear (S#3) Interior - Vitro SG400 on 3mm Clear (S#5) | ID#: 5001 ID#: 5232 ID#: 5232 | 0.113 | 10/10 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.40 | 1.19 | 0.36 | 35 | YES |
| 12 | MDDGX-DASHD-SCLR4-ARG95-SCLR4-ARG95-SG400C4 | Triple glazing Exterior - Vitro S on 4mm Middle - Vitro S on 4mm Interior - Vitro SG400 on 4mm Clear (S#5) | ID#: 5002 ID#: 5002 ID#: 5233 | 0.113 | 6.3/6.3 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.48 | 1.56 | 0.45 | 32 | NO |

Version: 25-Sept-2017

Page 1 of 3


A. G104153404 DASHD ER (2 OF 3)

|  | | Client: Polytech Products Inc. Project Number: G104153404 Window 7.4 Database: L5754.02 W7.mdb Spacer: Quanex Super Spacer Premium Model Type: Vinyl Dual Action Side Hinged Composite Door - MDDGX | | | | Date: Mar-01-2021 Simulated by: Richard A. McVicker III Reviewed by: Eric S. Leitner | | | | Standard: CSA A440.2-14 | | | | |
|---|---|---|-------------------------------------|-------------------------|-----------------------|--|--|-------------------------------------|---------------------------|------------------------------|---------------------|------------------|-------------------------|-----|
| ID | Manufacturer Product ID | Cleaning Details | LowE Emittance | Gap / Fill | Spacer | Divider | Air leakage infiltration [L/(m²·h)] | Air leakage exfiltration [L/(m²·h)] | Visual Transmittance (VT) | Overall U-Factor [W/(m²·°C)] | SHGC _{tot} | Energy Rating ER | Energy Star Requirement | |
| 13 | MDDGX-DASHD-SCLR4-ARG95-SCLR4-ARG95-SG400C4-DIV | Dual Action Side Hinged Door Triple glazing Exterior - Vitro 5 on 4mm Middle - Vitro 5 on 4mm Interior - Vitro SG400 on 4mm Clear (S#5) | ID#: 5002 ID#: 5002 ID#: 5233 | 0.113 | 6.3/6.3 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.42 | 1.59 | 0.39 | 28 | NO |
| 14 | MDDGX-DASHD-SCLR3-ARG95-SCLR3-ARG95-SG400C3 | Dual Action Side Hinged Door Triple glazing Exterior - Vitro 5 on 3mm Middle - Vitro 5 on 3mm Interior - Vitro SG400 on 3mm Clear (S#5) | ID#: 5001 ID#: 5001 ID#: 5232 | 0.113 | 10/10 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.49 | 1.35 | 0.45 | 36 | YES |
| 15 | MDDGX-DASHD-SCLR3-ARG95-SCLR3-ARG95-SG400C3-DIV | Dual Action Side Hinged Door Triple glazing Exterior - Vitro 5 on 3mm Middle - Vitro 5 on 3mm Interior - Vitro SG400 on 3mm Clear (S#5) | ID#: 5001 ID#: 5001 ID#: 5232 | 0.113 | 10/10 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.42 | 1.36 | 0.39 | 33 | NO |
| 16 | MDDGX-DASHD-SCLR4-ARG95-SG400C4 | Dual Action Side Hinged Door Double glazing Exterior - Vitro 5 on 4mm Interior - Vitro SG400 on 4mm Clear (S#3) | ID#: 5002 ID#: 5233 | 0.113 | 16 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.52 | 1.63 | 0.49 | 33 | NO |
| 17 | MDDGX-DASHD-SCLR4-ARG95-SG400C4-DIV | Dual Action Side Hinged Door Double glazing Exterior - Vitro 5 on 4mm Interior - Vitro SG400 on 4mm Clear (S#3) | ID#: 5002 ID#: 5233 | 0.113 | 16 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.45 | 1.63 | 0.42 | 29 | NO |
| 18 | MDDGX-DASHD-SCLR3-ARG95-SG400C3 | Dual Action Side Hinged Door Double glazing Exterior - Vitro 5 on 3mm Interior - Vitro SG400 on 3mm Clear (S#3) | ID#: 5001 ID#: 5232 | 0.113 | 18 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.53 | 1.64 | 0.49 | 32 | NO |
| 19 | MDDGX-DASHD-SCLR3-ARG95-SG400C3-DIV | Dual Action Side Hinged Door Double glazing Exterior - Vitro 5 on 3mm Interior - Vitro SG400 on 3mm Clear (S#3) | ID#: 5001 ID#: 5232 | 0.113 | 18 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.45 | 1.64 | 0.43 | 29 | NO |
| 20 | MDDGX-DASHD-CLR3-ARG95-CG8071C3 | Dual Action Side Hinged Door Double glazing Exterior - Guardian CFG30 on 3mm Clear Interior - Guardian CG8071 on 5mm Clear (S#3) | ID#: 3013 ID#: 3258 | 0.082 | 18 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.53 | 1.6 | 0.47 | 32 | NO |
| 21 | MDDGX-DASHD-CLR3-ARG95-CG8071C3-DIV | Dual Action Side Hinged Door Double glazing Exterior - Guardian CFG30 on 3mm Clear Interior - Guardian CG8071 on 5mm Clear (S#3) | ID#: 3013 ID#: 3258 | 0.082 | 18 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.46 | 1.6 | 0.41 | 29 | NO |
| 22 | MDDGX-DASHD-CG8071C3-ARG95-CG8071C3 | Dual Action Side Hinged Door Double glazing Exterior - Guardian CG8071 on 5mm Clear (S#2) Interior - Guardian CG8071 on 5mm Clear (S#3) | ID#: 3258 ID#: 3258 | 0.082 0.082 | 18 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.52 | 1.55 | 0.43 | 31 | NO |
| 23 | MDDGX-DASHD-CG8071C3-ARG95-CG8071C3-DIV | Dual Action Side Hinged Door Double glazing Exterior - Guardian CG8071 on 5mm Clear (S#2) Interior - Guardian CG8071 on 5mm Clear (S#3) | ID#: 3258 ID#: 3258 | 0.082 0.082 | 18 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.45 | 1.55 | 0.37 | 27 | NO |
| 24 | MDDGX-DASHD-CLR3-ARG95-CG8071C3-ARG95-CG8071C3 | Dual Action Side Hinged Door Triple glazing Exterior - Guardian CFG30 on 3mm Clear Middle - Guardian CG8071 on 5mm Clear (S#3) Interior - Guardian CG8071 on 5mm Clear (S#5) | ID#: 3013 ID#: 3258 ID#: 3258 | 0.082 0.082 0.082 | 10/10 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.47 | 1.15 | 0.41 | 38 | YES |

Version: 25-Sept-2017

Page 2 of 3

A. G104153404 DASHD ER (3 OF 3)

|  | | Client: Polytech Products Inc. Project Number: G104153404 Window 7.4 Database: L5754.02 W7.mdb Spacer: Quanex Super Spacer Premium Model Type: Vinyl Dual Action Side Hinged Composite Door - MDDGX | | | | Date: Mar-01-2021 Simulated by: Richard A. McVicker III Reviewed by: Eric S. Leitner | | | | Standard: CSA A440.2-14 | | | | |
|---|--|---|-------------------------------------|----------------|---------------------|--|---|-------------------------------------|---------------------------|------------------------------|---------------------|------------------|-------------------------|-----|
| ID | Manufacturer Product ID | Glazing Details | LowE Emittance | Gap / Fill | Spacer | Divider | Air leakage Infiltration [L/(m²·h)] | Air leakage Exfiltration [L/(m²·h)] | Visual Transmittance (VT) | Overall U-Factor [W/(m²·°C)] | SHGC _{max} | Energy Rating ER | Energy Star Requirement | |
| 25 | MDDGX-DASHD-CLR3-ARG95-CG8071C3-ARG95-CG8071C3-DIV | Dual Action Side Hinged Door Triple glazing Exterior - Guardian CFG30 on 3mm Clear Middle - Guardian CG8071 on 5mm Clear (S#3) Interior - Guardian CG8071 on 5mm Clear (S#5) | ID#: 3013 ID#: 3258 ID#: 3258 | 0.082 0.082 | 10/10 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.41 | 1.17 | 0.36 | 35 | YES |
| 26 | MDDGX-DASHD-CLR4-ARG95-CG7036C4 | Dual Action Side Hinged Door Double glazing Exterior - Guardian CFG40 on 4mm Clear Interior - Guardian CG7036LE on 4mm Clear (S#3) | ID#: 3014 ID#: 3254 | 0.036 | 16 mm ARG 95% | ZF-S | None | 0.0 | 0.0 | 0.46 | 1.53 | 0.32 | 25 | NO |
| 27 | MDDGX-DASHD-CLR4-ARG95-CG7036C4-DIV | Dual Action Side Hinged Door Double glazing Exterior - Guardian CFG40 on 4mm Clear Interior - Guardian CG7036LE on 4mm Clear (S#3) | ID#: 3014 ID#: 3254 | 0.036 | 16 mm ARG 95% | ZF-S | Aluminum Rectangular (Painted) 3/16" x 5/8" | 0.0 | 0.0 | 0.40 | 1.53 | 0.28 | 23 | NO |

| Window/Door | Report # |
|--|------------------|
| Vinyl Dual Action Side Hinged Composite Door - MDDGX | 104153404TOR-005 |

Version: 25-Sept-2017 Page 3 of 3