

## Product Evaluation

DR744 | 0621

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at 800-248-6032.

**Evaluation ID:** DR-744

**Effective Date:** June 1, 2021

**Re-evaluation Date:** June 2025

**Product Name:** Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles, Impact Resistant

**Manufacturer:** Dormakaba Canada, Inc.  
7301 Decarie  
Montreal, CN H4P2G7  
(514) 735-5410

### General Description:

| System | Description                                      | Label Rating  | Drawing Number |
|--------|--|---|----------------|
| 1      | 3'-0" x 6'-8" Plastpro Single Door, Outswing; X  | +60 / -60 psf<br>Missile Level D                                      | TX-4522        |
| 2      | 3'-0" x 7'-0" Therma-Tru Single Door, Inswing; X | +65 / -75 psf<br>Missile Level D                                      | TX-4522        |
| 3      | 3'-0" x 7'-0" Therma-Tru Single Door; X          | Inswing: +65 / - 75 psf<br>Outswing: +65 / -65 psf<br>Missile Level D | TX-4523        |

**Product Dimensions:**

| System | Overall Size      | Operable Panel Size |
|--------|-------------------|---------------------|
| 1      | 37-3/4" x 81-1/8" | 36" x 83-1/4"       |
| 2-3    | 37-3/4" x 86"     | 36" x 83-1/4"       |

**Components and Hardware:**

| System | Component                           | Quantity | Attachment Method   |
|--------|-------------------------------------|----------|---|
| 1-2    | Hinges                              | 3        | Install in accordance with drawing No. TX-4522, dated January 7, 2015. Revision 1 dated May 6, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 6, 2021. |
|        | Any latch may be used               | 1        |   |
|        | "InSync D" RFID Deadbolt Lock       | 1        |   |
|        | Latch and Deadbolt strike plate     | 1 each   |   |
| 3      | Hinges                              | 3        | Install in accordance with drawing No. TX-4523, dated January 7, 2015. Revision 1 dated May 6, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 6, 2021. |
|        | "InSync I" RFID Interconnected Lock | 1        |   |
|        | Latch and Deadbolt strike plate     | 1 each   |   |

**Product Identification (Manufacturer Label on Door):**

| System |                                  |   |
|--------|----------------------------------|---|
| 1      | Manufacturer's name or code name | Dormakaba Canada, Inc.  |
|        | Product name                     | Opaque Fiberglass Side Hinged Doors, Outswing, Imp Resistant Door Panels, Singles         |
|        | Test standards                   | ASTM E330-14/E1886-13a/E1996-14a Missile Level D  |
| 2      | Manufacturer's name or code name | Dormakaba Canada, Inc.  |
|        | Product name                     | Opaque Fiberglass Side Hinged Doors, Inswing, Imp Resistant Door Panels, Singles          |
|        | Test standards                   | ASTM E330-14/E1886-13a/E1996-14a Missile Level D  |
| 3      | Manufacturer's name or code name | Dormakaba Canada, Inc.  |
|        | Product name                     | Opaque Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Singles |
|        | Test standards                   | ASTM E330-14/E1886-13a/E1996-14a Missile Level D  |

**Impact Resistance:**

| System | Impact Resistant | Requirement   |
|--------|------------------|---|
| 1-3    | Yes              | These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. |

**Installation:**

| System |                           |   |
|--------|---------------------------|---|
| 1-2    | Type of installation      | Install in accordance with drawing No. TX-4522, dated January 7, 2015. Revision 1 dated May 6, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 6, 2021. |
|        | Wall framing              |   |
|        | Fasteners                 |   |
|        | Fastener location/spacing |   |
|        | Fastener penetration      |   |
| 3      | Type of installation      | Install in accordance with drawing No. TX-4523, dated January 7, 2015. Revision 1 dated May 6, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 6, 2021. |
|        | Wall framing              |   |
|        | Fasteners                 |   |
|        | Fastener location/spacing |   |
|        | Fastener penetration      |   |

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.