



**Phius Product Number:** D-100262  
**Date Last Certified:** 11/19/2025  
**THERM Files Available:** No

**Phius Certification Path:** Orange Path  
**Valid Through:** 12/31/2027  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** Fleming D-Series HM Door, Polystyrene Core, Mercury 3 Thermal Break Frame, Pemko S44 or S88 Seal & 278x292\_FGPK Threshold

**Manufacturer:** ASSA ABLOY

**Primary Frame Material:** Steel

**Series:** D-Series

**Operation Category:** Swinging Door

**Model:** Fleming D-Series HM Door, Polystyrene Core, Mercury 3 Thermal Break Frame, Pemko S44 or S88 Seal & 278x292\_FGPK Threshold

**Operation Type:** Single Swinging Door

**Glazed or Opaque:** Opaque

## RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

**Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft<sup>2</sup>·°F]**

| Climate Zone      | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|-------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| Recommended Zones |         |      |      |      |        |        |        |      |      |      |
| U-Whole-Door      | 0.40    | 0.40 | 0.40 | 0.40 | 0.40   | 0.40   | 0.40   | 0.40 | 0.40 | 0.40 |

**Modeled Size [W × H]** 37.80" × 82.28" **SHGC, Whole Door:** 0.00 **Condensation Resistance:**

## COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | *Compatible with building energy modeling tools*

### U-COG | Center of Glass U-Values, by Climate Zone [Btu/hr·ft<sup>2</sup>·°F]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.14    | 0.14 | 0.14 | 0.14 | 0.14   | 0.14   | 0.14   | 0.14 | 0.14 | 0.14 |

### SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.00

| Frame Parameters                           | Left Jamb | Right Jamb | Left Head | Sill   |
|--------------------------------------------|-----------|------------|-----------|--------|
| Frame Section                              | Left      | Right      | Top       | Bottom |
| Frame Width                                | 2.64"     | 2.64"      | 2.64"     | 0.51"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.77      | 0.77       | 0.77      | 1.80   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.1600    | 0.1600     | 0.1600    | 0.2550 |

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)



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**Glazed or Opaque:** Opaque

## RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

**Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m<sup>2</sup>K]**

| Climate Zone      | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|-------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| Recommended Zones |         |      |      |      |        |        |        |      |      |      |
| U-Whole-Door      | 2.28    | 2.28 | 2.28 | 2.28 | 2.28   | 2.28   | 2.28   | 2.28 | 2.28 | 2.28 |

**Modeled Size [W × H]** 0.96 m × 2.09 m **SHGC, Whole Door:** 0.00 **Condensation Resistance:**

## COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

### U-COG | Center of Glass U-Values, by Climate Zone [W/m<sup>2</sup>K]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.78    | 0.78 | 0.78 | 0.78 | 0.78   | 0.78   | 0.78   | 0.78 | 0.78 | 0.78 |

### SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.00

| Frame Parameters                         | Left Jamb   | Right Jamb   | Left Head  | Sill          |
|------------------------------------------|-------------|--------------|------------|---------------|
| <b>Frame Section</b>                     | <b>Left</b> | <b>Right</b> | <b>Top</b> | <b>Bottom</b> |
| <b>Frame Width</b>                       | 67 mm       | 67 mm        | 67 mm      | 13 mm         |
| <b>Frame U-Value [W/m<sup>2</sup>K]</b>  | 4.37        | 4.37         | 4.37       | 10.23         |
| <b>Glazing-to-Frame Psi Value [W/mK]</b> | 0.277       | 0.277        | 0.277      | 0.4414        |

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. (See Phius Guidebook for more details.)