



Phius Product Number: D-100270
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, Fiberglass Steel Stiffened 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, Fiberglass Steel Stiffened 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·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones										
U-Whole-Door	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75

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·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72

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 ² ·°F]	0.77	0.77	0.77	1.80
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0207	0.0207	0.0370	0.0091

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



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Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones										
U-Whole-Door	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27

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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08

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	67 mm	67 mm	67 mm	13 mm
Frame U-Value [W/m²K]	4.37	4.37	4.37	10.23
Glazing-to-Frame Psi Value [W/mK]	0.0359	0.0359	0.0642	0.0159

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