



Phius Product Number: D-100235
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: Ceco Legion/Ultra HM Door, Polystyrene Core, Masonry (S_) Frame, Pemko S44 or S88 Seal & 278x292_FGPK Threshold

Manufacturer: ASSA ABLOY

Primary Frame Material: Steel

Series: Legion / Ultra

Operation Category: Swinging Door

Model: Ceco Legion/Ultra HM Door, Polystyrene Core, Masonry (S_) 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	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37

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	0.14	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	2.68"	2.68"	2.68"	0.51"
Frame U-Value [Btu/hr·ft ² ·°F]	0.78	0.78	0.78	1.80
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.1370	0.1370	0.1370	0.1419

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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones										
U-Whole-Door	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12

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	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
Frame Section	Left	Right	Top	Bottom
Frame Width	68 mm	68 mm	68 mm	13 mm
Frame U-Value [W/m²K]	4.40	4.40	4.40	10.22
Glazing-to-Frame Psi Value [W/mK]	0.2372	0.2372	0.2372	0.2456

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