



# Data Sheet US

air-lux window-facade glazing system      Class CW-PG50  
 AAMA/WDMA/CSA 101/I.S.2/A440-11      Size tested 10973mm/wide x 3962mm/height (432 in x 156 in)



**Air Infiltration Resistance**

*Classification under Standard*  
 ASTM E283-04

0.00 cfm/ft<sup>2</sup> @ 300 Pa (6.24psf)



**Water Resistance**

*Classification under Standard*  
 ASTM E331-09 Uniform Pressure  
 ASTM E547-09 Cyclic Pressure

No Entry @ 958 Pa (20psf)

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**Durability**

*Classification under Standard*

Uniform Structural Load  
 Design Pressure ASTM E330-02 C10  
 ASTM E330-02 (10)

+/- 2394 Pa (+/- 50psf)

+/- 3591 Pa (+/- 75psf)

Deglazing  
 ASTM E987-88 (09)

No Damage



**Burglary Protection**

*Classification under Standard*  
 ASTM F842-04 Forced Entry

No Damage @ Grade 10



**Bullet-proof**

Special designs up to  
 Resistance class BR4-NS



**Operating**

*Classification under Standard*  
 ASTM E2068

12.4 lbf initial/ 13.8 lbf to maintain



**Isolations value**

*Classification under Standard*  
 NFRC Model Size Glazed Wall System  
 NFRC Model Size Sliding Glass Door

0.18 Btu/hr.sqft. °F (1.02W/m<sup>2</sup>K)

0.24 Btu/hr.sqft. °F (1.36W/m<sup>2</sup>K)

