LumiWall 40 Translucent Wall Panel System

LumiWall 40 is constructed with fully fabricated, lightweight, interlocking 40mm tongue and groove multiwall polycarbonate panels. It is a dry glaze translucent wall system with thermal breaks for improved thermal performance. The system has unlimited height and width, and is easily installed by commercial contractors.

Features
- System Depth: 2½” Panel Frame, 4” Subsill
- Standard Subsill for Trouble Free Installation
- Sloped Sill Nose with Recessed Weeps for Maximum Drainage
- Polyurethane Thermal Breaks for Improved Thermal Performance
- Factory Finishes Meeting All AAMA Finish Standards
- No Exposed Fasteners
- NFRC Certified (CPD# WPC-A-12)
- 10 Year Warranty

Performance

Air infiltration:
0.10 cfm/ft² @ 1.57psf per ASTM E283

Water Penetration:
12 psf per ASTM E547 and ASTM E331

Structural Capabilities:
- DP55 psf @ 5’-6” Vertical Span
- DP30 psf @ 6’-10” Vertical Span
- DP20 psf @ 8’-0” Vertical Span
- DP45 psf W/ HORIZONTAL SUPPORT @ 4’-0”

NFRC Certified Performance:*

<table>
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<tr>
<th>Glazing</th>
<th>Certified Products Directory #</th>
<th>U-Factor</th>
<th>SHGC</th>
<th>VT**</th>
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<td>40mm Opal IR</td>
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</table>

*With Polyurethane Thermal Breaks
**VT is not part of the NFRC testing protocol.

Standard Info

Thermal Break:
Available with polyurethane thermal breaks.

Finishing:
Bronze and Clear Anodized stocked. All other Wasco finishes also available, contact factory for information.

Glazing:
Clear, Opal and Opal IR stocked. Other glazing options available, contact factory for information.

Sizes:
Panel Width: 19.685”
Panel Length: Aprox 38’ – Can be cut to custom lengths
System Height w/ Support: Max height 25’ without stack joint. Unlimited height with stack joints (see Detail 7A)
System Width: Unlimited

Code Compliance:
Flame Spread: ASTM E-84 / UL 723
Smoke Developed: IBC Class: CC1 Rated
Combustibility Classification: ASTM D-635
Self-Ignition Temperature: ASTM D-1929

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