SERIES 2500 STANDING SEAM CANOPY SYSTEM
A lightweight glazing system with the ability to create true radius designs.

- Panels available in 2’ nominal widths
- 20mm panel thickness
- Minimum 2:12 slope required
- Panels can be cold formed to create true radius
- Panels extruded with UV protection on both sides

Available upon request:
- BIM/REVIT models
- System drawings
- Specifications
- Samples
- Design Standard: ASCE 7-10 Allowable Stress Design
- Purlin Spacing is Limited to a Panel Deflection of 2.5" & The Panel Uplift Capacity
- For Downward Design Loads, Use Appropriate Load Combinations to Determine Worst Case
- Design Wind Load Criteria: Exposure C, Components & Cladding, Open Structure, Elevation Z < 25', Pitched Free Roof, Roof Angle Assumed 8.84° (2:12 Slope), Effective Wind Area ≤ a² (Small Area)
- Panel Support Clip: "20 BTC" Clip (Aluminum, 6005-T5) Connection with (2) Standard Fasteners
- Clip Connection Screws Pullout Strength Controlled by Purlin Wall Thickness/Material
- Wind Loads are at Service Level

### SLOPED APPLICATION - PURLIN SPACING & GENERAL REQUIREMENTS

<table>
<thead>
<tr>
<th>Wind Speed (m.p.h.)</th>
<th>Wind Uplift (p.s.f.)</th>
<th>Purlin Spacing (inches)</th>
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<tbody>
<tr>
<td>115</td>
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### CURVED APPLICATION - PURLIN SPACING & GENERAL REQUIREMENTS

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SERIES 3000 ALUMINUM MULLION BASED CANOPY SYSTEMS
A range of lightweight glazing systems creating design flexibility.

- Long spans between structural members
- Pie shaped and multiple radius canopy options
- Exposed and hidden fasteners available
- Gaskets with no wet seals
- Custom geometry available

Available upon request:
- BIM/REVIT models
- System drawings
- Specifications
- Samples
STANDARD COLORS

- CLEAR
- BRONZE
- OPAL
- GREY

CUSTOM COLORS AVAILABLE

Panel Selection:
- 16mm or 25mm thickness
- Light flow control
- Light diffusion options
- Transparency options

SERIES 3800 LONG SPAN SYSTEM

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>20 p.s.f.</th>
<th>40 p.s.f.</th>
<th>80 p.s.f.</th>
<th>150 p.s.f.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. O.C. SPAN BETWEEN PURLINS - “a”</td>
<td>186”</td>
<td>156”</td>
<td>138”</td>
<td>114”</td>
</tr>
<tr>
<td>MAX. O.C. SPAN BETWEEN MULLIONS - “b”</td>
<td>40”</td>
<td>32”</td>
<td>24”</td>
<td>18”</td>
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<tr>
<td>CANTILEVER - “c”</td>
<td>24”</td>
<td>18”</td>
<td>12”</td>
<td>6”</td>
</tr>
</tbody>
</table>

O.C. = ON CENTER. ALL DIMENSIONS ARE IN INCHES

*TABLE IS FOR REFERENCE ONLY*

NOTES: SPANS MAY CHANGE BASED ON FINAL STRUCTURAL REVIEW. FIGURES ARE BASED ON A MULTISPAN APPLICATION. CONTACT DUO-GARD IF PANEL EXCEEDS 24’ IN LENGTH, OR FOR ANY OTHER PROJECT QUESTIONS.
Aluminum is the industry standard; Duo-Gard is well equipped to deliver. However, larger projects and heavier load conditions demand a robust structure. Enter, steel.

Duo-Gard keeps our steel yard and fabrication shop ready to take on any project in any environment. We not only design and fabricate, but also engineer custom solutions for each project. We provide complete turn-key steel or aluminum packages while collaborating with you every step of the way. We know that budgets can often dictate a design. To mitigate that, we offer in house engineering, a stocked steel and aluminum yard, fabrication, and installation. This helps keep cost down and keeps your design in the forefront.

Our process begins in the Engineering Department. We calculate site specific loading conditions that carry through to sizing structural steel and aluminum, connection details, and hardware, while keeping the budget in mind. Duo-Gard offers stamped calculations and drawing packages to meet the demands of an ever-changing environment and help you through the submit-tal process.

From high winds to heavy snow loads, nothing stops Duo-Gard from forging ahead to deliver safe, efficient, and bespoke solutions for your project.
SERVICES

- Design
- Engineering
- Fabrication in aluminum and steel
- Stamped drawings in all 50 states
- Installation
- BIM/REVIT
- Free consultation

FEATURES

- Multiple types of canopy skin systems
- Tapered (W or T shape) and Tube (HSS)
- Lighting
- Custom skin colors
- Custom shapes & styles
- Accommodations for signage
- Anodized, kynar and tнемec finishes
Your design sets you apart. Our reputation as a resource sets Duo-Gard apart. Join the design community that knows the difference Duo-Gard makes. Bring us together and we will open a creative toolbox to help you make responsible, valuable choices.

David Miller
President

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