



Certificate of Compliance

Certificate: 70106311

Master Contract: 264073 (264073)

Project: 70194551

Date Issued: 2019-02-27

Issued to: **Preformed Line Products**
660 Beta Drive Phone:
Cleveland, Ohio 44143
USA

Attention: Darius Kaunas

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US'



Issued by: *Michael Hoffnagle*
Michael Hoffnagle

PRODUCTS

CLASS - C531382 - POWER SUPPLIES- PHOTOVOLTAICS-PV Racking and clamping systems-Certified to US Standards

- | | | | |
|---------|-----------------------------|---|---|
| Models: | Ballasted Power Rail™ Mount | - | Ballasted Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to roof via Ballast Blocks. |
| | Power Rail™ P6 | - | Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P6 Rail |
| | Power Rail™ P8 | - | Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P8 Rail |
| | Power Rail™ P14 | - | Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via L-Feet, incorporating P14 Rail |
| | POWER RAIL™ D-Series | - | Power Rail Top-Clamping PV Module Rack Mounting System, incorporating Aluminum Rails with S.S or coated Clamping Hardware. Secures to Roof via Mounting Base Bracket, incorporating D-Series rails |



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The systems listed are designed to provide bonding/grounding, and mechanical stability for photovoltaic modules, including fire performance ratings. The Ballasted Power Rail system employs type 5052-H32 aluminum bays, and type 6005-T5 aluminum P8 Rails. The Power Rail P6, P8, and P14 employ type 6005-T5 rails and L-feet to secure the rack mounting system to the roof, with the only difference between the models including the larger module support rails. Modules are secured to the racking system with the AMP™ and Rad™ Clamp Assembly. The modules are bonded to the racking system with anodization-piercing clamps. The system is grounded with 8 AWG copper wire to bonding/grounding lugs.

The grounding of the system is intended to comply with the latest edition of the National Electrical Code, to include NEC 250 & 690. Local codes compliance is required, in addition to national codes. All grounding/bonding connections are to be torqued in accordance with the Installation Manual and the settings used during the certification testing for the current edition of the project report.

Conditions of acceptability: Installation is subject to acceptance of the local inspection authorities having jurisdiction.

APPLICABLE REQUIREMENTS

UL 2703-1st Edition - Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.

Additional markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent 'US' indicator for US only (indicating that products have been manufactured to the requirements of U.S. Standards).

The following markings appear on the ballast bay (for Ballasted Power Rail system) or L-Foot (for Power Rail P6, P8, and P14 systems) **or Splice (for Power Rail D-Series) by adhesive label or stamping:**

1. Submitter's name and/or CSA Master Contract number "264073";
2. Model designation;
3. Manufacturing date;
4. The following statement or equivalent verbiage: "System Fire Class Rating: See Installation Instructions for Installation Requirements to Achieve a Specified System Fire Class Rating with this product."
5. Design load rating/designation of information location in Installation Manual;

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Marking Labels


Preformed Line Products
 Model: Power Rail P14
 Manufacture Date: xx/xx
 Load Rating: See installation instructions
 Fire Class Rating: See installation instructions for requirements p/n 5800111




Preformed Line Products
 Model: Power Rail P6 / P8
 Manufacture Date: xx/xx
 Load Rating: See installation instructions
 Fire Class Rating: See installation instructions for requirements p/n 5800105



Preformed Line Products
 Model: Ballasted Power Rail Mount
 Manufacture Date: xx/xx
 Load Rating: See installation instructions
 Fire Class Rating: See installation instructions for requirements p/n 5800104



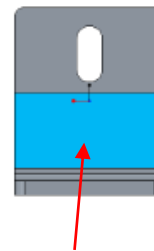
Preformed Line Products
 Model: Power Rail D-Series
 Manufacture Date: xx/xx
 Load Rating: See installation instructions
 Fire Class Rating: See installation instructions for requirements p/n 5800116



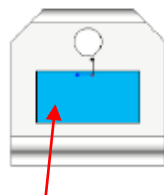
Location of Marking



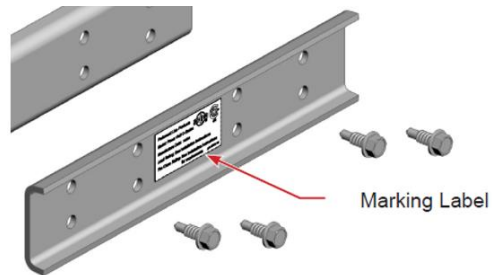
BPRM – 1.0 x 3.0



Power Rail P6/P8 1.0 x 2.0



Power Rail P14 1.0 x 2.0



Power Rail D-Series



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Nameplate adhesive label material approval information:

Flexcon Co. Inc. Model Number “THERMLfilm CHEMGARD 21361”. UL Certified under file number PGJ12.MH16635. Rating when adhered to Galvanized Steel: 125°C to -40°C, suitable for use in indoor/outdoor locations.



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70194551	2019-02-27	Updated report 70106311. Updated PV module list by evaluation, no testing was required. Testing performed on samples of the anodized coated XD UD LD & MD rails, mid clamps, end clamps and representative module samples. Updated all installation instructions.
70161643	2017-11-14	Update Report 70106311 with the Updated markings labels with current company logo and name Updated Assembly Instructions revisions.
70106311	2017-05-03	Provide full UL2703 Listing for the Power Rail, and Ballasted Power Rail Mount.