MasterLok-FS Panel

**Applications**
Mechanically Seamed roof panel used on slopes down to 1/4:12. Continuous length up to 50’. Please inquire for longer lengths.

**Substrates**
Plywood, Metal Deck, Rigid Insulation/Metal Deck or Open Framing. Best suited for simple sloped roofs without dormers, hips, valleys or other special conditions.

**Material**
- **Standard** - 24 GA. ASTM A792 (50 ksi steel) AZ55 - Bare
  AZ50 - Painted
- **Optional** - 22 GA. ASTM A792 (50 ksi steel) AZ55 - Bare
  AZ50 - Painted

**Manufacturing**
Roll formed in factory. (Bossier Plant Only)

**Finishes**
Acrylic Coated Galvalume® Fluoropolymer (Kynar 500® PVDF resin-based)

**Pan Conditions**
Minor Ribs
Oil canning is inherent in all metal panels and is not cause for panel rejection.

**Testing** *
- Uplift: UL 580 Class 90, ASTM E1592
- Fire Resistance: UL790 Class A
- Impact Testing: UL2218 Class 4
- FM Approval
- Florida Product Approval: FL 8051.1

*Testing and Approvals are product specific. Please inquire for details*

**NOTE:**
All data represented on this sheet may not be applicable to all widths and gauges. Please contact McElroy Metal for more information.
MasterLok-FS Panel (Continued)

**Product Data**

**THERMAL SPACER**
- Outside Closure: 24 GA. - ASTM A792 (50 ksi)
- Inside Closure: 16 GA. - ASTM A653 (50 ksi)

**BEARING PLATE**
- 16 GA.
  - Red Primed: ASTM A1011 (55 ksi)
  - Galvanized: ASTM A653 (55 ksi)

**INSIDE CLOSURE**
- 16 GA. - ASTM A653 (50 ksi)

**OUTSIDE CLOSURE**
- 24 GA. - ASTM A792 (50 ksi)

**BACK-UP PLATE**
- 16 GA.
  - Red Primed: ASTM A1011 (55 ksi)
  - Galvanized: ASTM A653 (55 ksi)

**BACK-UP CHANNEL**
- 16 GA.
  - Galvanized: ASTM A653 (55 ksi)

**CINCH STRAP**
- 18 GA.
  - Stainless Steel: ASTM A666 (50 ksi)

**MECHANICAL SEAMER**
Order through Developmental Industries at www.mcelroyseamers.com
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