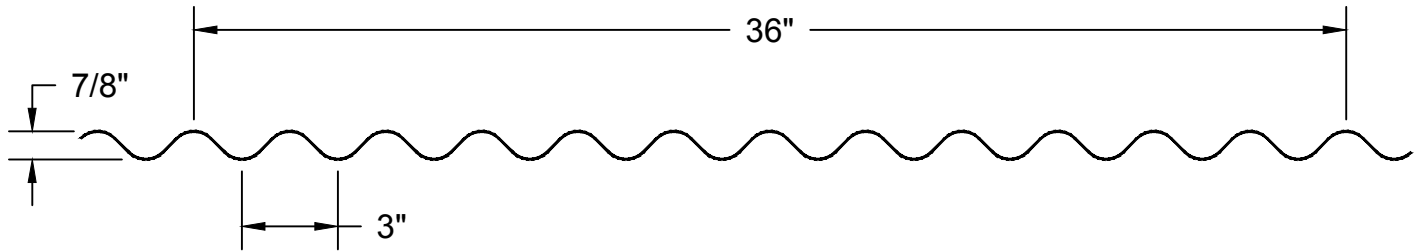


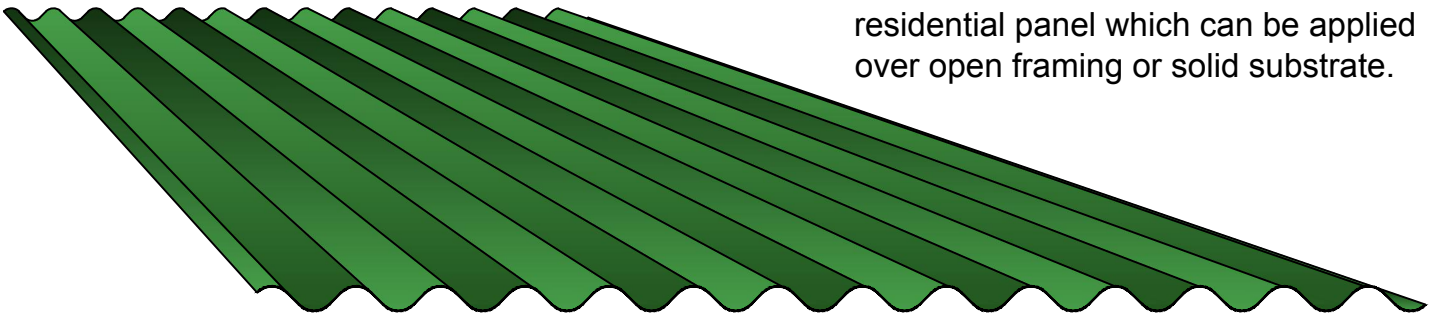
DISCOUNT METAL PANELS, INC.

PRODUCT PROFILE

7/8" CORRUGATED



This is an excellent commercial or residential panel which can be applied over open framing or solid substrate.



- Finishes: Bare galvanized, MS Colorfast30® PVDF, Corten, and Acrylic Coated Galvalume®
- Gauges: 26ga, 24ga, 22ga, and 20ga
- 36" roof panel coverage and 1/2" rib height
- Applies over open framing or solid substrate
- 1:12 slope minimum

| Section Properties | | | | | | | | Allowable Uniform Live Loads PSF ¹²³⁴ (3 or More Equal Spans) | | | | | | | | | | | |
|--------------------|-------------|-----------|------------|---------------------------------|---------------------|------------------------------------|---------------------|---|-----|-----|----|----|----|---|-----|-----|-----|----|----|
| GA. | Width (in.) | Yield KSI | Weight PSF | Top in Compression ¹ | | Bottom in Compression ¹ | | Inward (Gravity/Deflection) Load ²⁴ | | | | | | Outward Uplift (Stress) Load ³ | | | | | |
| | | | | Ixx | Sxx | Ixx | Sxx | 2' | 3' | 4' | 5' | 6' | 7' | 2' | 3' | 4' | 5' | 6' | 7' |
| | | | | In ⁴ /ft | In ³ /ft | In ⁴ /ft | In ³ /ft | | | | | | | | | | | | |
| 26 | 32" | 50 | 1.08 | 0.0259 | 0.0599 | 0.0259 | 0.0599 | 339 | 153 | 71 | 36 | 21 | 13 | 425 | 204 | 115 | 74 | 52 | 38 |
| 24 | 32" | 50 | 1.40 | 0.0337 | 0.0777 | 0.0337 | 0.0777 | 434 | 197 | 92 | 47 | 27 | 17 | 579 | 263 | 149 | 96 | 67 | 49 |
| 22 | 32" | 50 | 1.80 | 0.0412 | 0.0994 | 0.0412 | 0.0994 | 555 | 252 | 113 | 58 | 33 | 21 | 740 | 336 | 191 | 123 | 85 | 63 |
| 20 | 32" | 33 | 2.10 | 0.0487 | 0.1151 | 0.0487 | 0.1151 | 428 | 194 | 110 | 68 | 40 | 25 | 570 | 258 | 146 | 94 | 65 | 48 |

1. Theoretical section properties have been calculated per AISI 1996. "Specificationa for the design of cold formed steel members." Ixx and Sxx are effective section properties for deflection and bending.
2. Tabulated loads are allowable loads calculated in accordance with good engineering practices and with AISI 1996 specifications for bending stresses. Panel weight has not been subtracted from allowable gravity loads. Allowable load does not address web crippling requirement, or fasteners/support connection.
3. Allowable loads are calculated in accordance with AISI 1996 specifications, and have been increased by 33²/₃% for wind uplift. Contact Metal Sales Technical Services Department for more information.
4. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.

www.discountmetalpanels.com

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