

7/8" Corrugated

Corrugated metal panels are among the earliest commercially produced options for roofing and siding in the USA, with a legacy spanning over a century. At Metal America®, we specialize in manufacturing 7/8" corrugated panels in 22ga, 24ga, and 26ga. Corrugated panels can be cut up to 48' long for siding accents.

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MATERIAL SPECIFICATIONS

Available Gauges: 26ga, 22ga (Cor-Ten Only), (Inquire for 24ga)

Weight: 5.00lbs/LnFt (22ga), 4.00lbs/LnFt (24ga)

Substrate: Grade 50

Minimum Slope: 1:12. Under 3:12 requires 1" Butyl sealant and stitch screws installed 12" up the panel at side laps.

TRIM SPECIFICATIONS

Warranties: Weather XL (26ga), Fluoropon (PVDF) (24ga)

Testing: UL 580 Wind Uplift (Class 90), UL 2218 Class 4 Hail Impact, UL 790 Class A Fire Rating, ASTM E1680, ASTM E1646, ASTM E283, ASTM E330 / E330M, ASTM E331

Notes: Strength Calculations based on the 2016 AISI Section "North American Specification for the Design of Cold-formed Steel Structural Members." Allowable loads are applicable for uniform loading and spans without overhangs. LIVE LOAD/DEFLECTION: load capacities are for those loads that push the panel against its support. The applicable limit states are flexure, shear, combined shear and flexure, web crippling at end and interior supports, and a deflection limit of L/180 under strength-level loads. NEGATIVE WIND LOAD: capacities are for those loads that pull the panel away from its supports. The applicable limit states are flexure, shear, combined shear and flexure, and a deflection limit of L/60 under 10-year wind loading. Panel pullover and Screw: pullout capacity must be checked separately using the screws employed for each particular application when utilizing this load chart. Effective yield strength has been determined in accordance with section A3.1.1 of the 2012 NAS specification. The use of any accessories other than those provided by the manufacturer may damage panels, void all warranties and will void all engineering data. This material is subject to change without notice please contact Metal America for most current data.

COLOR OPTIONS

Available Materials: Painted, Galvalume, Cor-Ten™

Paint Systems: Weather XL (26ga), Fluoropon (PVDF) (24ga)

OPTIONS

Roof Application: Screws are to be installed following the below details, installed no more than 3'6" up the panel. Predrilling is recommended to ensure water tightness. It is recommended to use 1" Butyl sealant between every panel at the side lap with Stitch Screws installed every 1'0" up the panel. Under 3:12 requires 1" Butyl sealant and stitch screws installed 1'0" up the panel at side laps.

Wall Application: Screws are to be installed following the below details, installed no more than 3'6" up the panel. Predrilling is recommended to ensure water tightness

Please Note: It is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

