

Base Offer – Roofing Panel Specification
NNJ07182243R

GENERAL METAL BUILDING ROOFING PANEL REQUIREMENTS

These requirements are intended to supplement the Section 13121 PRE-ENGINEERED BUILDINGS

2.5 ROOFING AND SIDING

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Roof Panels:

Low Slope PBR Roof Panels (BASE): Roof panels shall conform to ASTM A 446/A 446M, Grade A. Panels shall be "PBR" type. Zinc coating shall conform to ASTM A 525, G90.

Field-Assembled, Lap-Seam Metal Roof Panels: Fasten metal roof panels to supports with exposed fasteners at each lapped joint at location and spacing recommended by manufacturer to resist uplift requirements of 130 mph sustained wind load.

Provide metal-backed washers under heads of exposed fasteners bearing on weather side of metal roof panels.

Provide sealant tape at lapped joints of metal roof panels and between panels and protruding equipment, vents, and accessories.

Apply a continuous ribbon of sealant tape to weather-side surface of fastenings on end laps and on side laps of nesting-type metal panels; on side laps of ribbed or fluted metal panels; and elsewhere as needed to make metal panels weatherproof to driving rains.

At metal panel splices, nest panels with minimum 6-inch end lap, sealed with butyl-rubber sealant and fastened together by interlocking clamping plates.

Seal metal panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by metal panel manufacturer.

Low Slope Standing-Seam Roof Panels (OPTION):