

Architectural Specifications

1. General

A. Name and Description

Great American Steel Shake
The steel panels are designed to simulate the look of wood shakes. The panels are for use on residential and light commercial roofs, sidewalls, and mansards

Exposure Height: 12”
Exposure Width: 24”
Weight /Square: 88 lbs.

B. Manufacturer

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C. Scope

The scope of the work includes, but is not limited to, the installation of all press-formed panels, pre-formed accessories and field-formed accessories such as miscellaneous flashings and attaching devices.

2. Product

A. Material

All steel materials, including press-formed panels, pre-formed accessories and flashings and matching coilstock are made of .0142” (29 gauge) G90 galvanized steel sheet stock.

B. Finish

Great American Steel Shakes are coated with a Kynar 500 or Hylar 5000 base coat and protective primer to provide a high quality finish.

C. Additional Materials

Other materials available from the manufacturer include touch-up paint, underlayment, and nails.

3. Installation

A. Pitch

Great American Steel Shakes are designed to be installed on roofs with a 3:12 or greater pitch.

B. Decking

The panels are applied over minimum ½” decking. The system may also be applied over existing composition roofing (single or multi-layered).

C. Underlayment

In the case of either a new roofing application or re-roofing, the entire roof must be covered with at least one layer of 30 lb. felt underlayment or equivalent.

D. Panels

Great American Steel Shake panels have a four-way interlock that locks each panel to the surrounding panels. Successive courses are staggered to provide a random appearance. The panels are secured to the deck with nail clips. Each full panel has two nail clips.

E. Fasteners

On installations over plywood or similar decking, hot-dipped galvanized steel ring shank roofing nails or stainless steel screws of sufficient length to fully penetrate the decking.

4. Protective Properties

A. Wind Resistance

Great American Steel Shakes have been tested to UL 1897 for uplift resistance.

B. Fire Resistance

Fire-Test-Response Characteristics as determined per test method ASTM 108: Class A fire rating

C. Impact Resistance

Great American Steel Shakes meet UL 2218 Class 4 impact resistance.