

Architectural Specifications

1. General

A. Name and Description Great American Shake.

Interlocking aluminum panels pressed to simulate wood shakes. The panels are for use on residential and light commercial roofs and mansards.

Exposure Height: 12”
Exposure Width: 24”
Weight /Square: 40 lbs.

B. Manufacturer

Headquarters:
Classic Products, Inc.
8510 Industry Park Drive
P.O. Box 701
Piqua, OH 45356 U.S.A.
Tel. 800/543-8938
Fax. 937/773-9261
Email:
info@classicroof.com
Web address:
www.classicroof.com
Houston Manufacturing facility: 1919 Queens St, Houston, TX 77017

C. Scope

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

2. Product

A. Material

All pre-formed panels, including pre-formed

accessories and flashings and matching coilstock are made of .019” 3105 H26 aluminum alloy sheet stock consisting of at least 98% recycled content.

B. Finish

Shingles are coated with a baked-on protective primer and a Kynar 500 or Hylar 5000 top coat to provide a high quality finish. Kynar 500 and Hylar 5000 are trade names for polyvinylidene fluoride resin. The backs of the panels are finished with a protective clear coat.

C. Additional Materials

Other materials available from the manufacturer include matching terpolymer butyl rubber sealant, hold-down clips, touch-up paint, pipe flashings and aluminum ring shank nails.

3. Installation

A. Pitch

Shingles are designed for installations 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 provided the existing roofing is smooth. Any curled or irregular roofing must be removed or replaced.

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

Shingles have a four-way interlock that locks each panel to the surrounding panels. The panels are secured to the roof using nail clips. The nail clips, attached to the panels’ top locks, allow the panels to expand and contract as necessary.

E. Dissimilar Materials

Aluminum materials should not be installed in contact with dissimilar metals, concrete, stucco, asbestos siding, masonry or other corrosive nonmetallic materials that might be wet continually. To prevent problems with wood, use treatments such as creosote or zinc naphthanate pentachlorophenol (5% concentration).

To prevent chemical reactions from soil contaminants, do not install panels fewer than six inches above the soil line. Dissimilar materials should be painted or otherwise protected when they are in contact with aluminum or when drainage from them

Architectural Specifications

passes over aluminum. Do not permit water from copper flashing to drain over aluminum products.

F. Fire Resistance

The normal underlayment of 30 lb. asphalt-saturated organic felt confers an I.C.B.O. Class C fire rating for both new and reroofing applications. The following are types of underlayment needed to meet Class A or B ratings:

New Roofing Class B One layer of 72 lb. fiberglass mineral surface cap sheet.

New Roofing Class A Two layers of 72 lb. fiberglass mineral surface cap sheet.

Reroofing Class B One layer of 72 lb. fiberglass mineral surface cap sheet (for reroofing over wood shingles); one layer of 28 lb. asphalt-aturated fiberglass roll roofing felt (for reroofing over composition shingles)

G. Repairs

In the event of limited damage, shingles can be repaired by capping over damaged panels with new panels. More extensive damages are repaired by removing existing roof sections.