

Architectural Specifications

1. General

A. Name and Description

KasselWood Shingle

The steel panels are designed to simulate the look of wood shingles. The panels are for use on residential and light commercial roofs, sidewalls, and mansards

Exposure Height: 8.625”
Exposure Width: 40.625”
Weight /Square: 85.7 lb.

B. Manufacturer

Kassel and Irons, Ltd.
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Piqua, OH 45356 U.S.A.
Tel: 866/544-4766
Fax: 937/778-5116
Email:
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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.

2. Product

A. Material

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

B. Finish

KasselWood Shingles 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

KasselWood Shingles 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

KasselWood Shingle 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 integrated clips. Each full panel has four 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

KasselWood Shingle has passed the U.L. 580 Class 90 uplift test.

B. Fire Resistance

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

C. Impact Resistance

The KasselWood Shingle meets UL 2218 Class 4 impact resistance.

D. Appraisal Certificates

Florida Building Code report number FL 11858.