

Architectural Specifications

1. General

A. Name and Description

KasselShake – Formerly known as Timbercreek.

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: 48”
Weight /Square: 100 lb.

B. Manufacturer

Classic Products, Inc.
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Piqua, OH 45356 U.S.A.
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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 as well as sealant.

2. Product

A. Material

All steel materials, including pre-formed panels, pre-formed accessories and flashings and matching coilstock are made of .0165”

(min. + .002) G90 galvanized steel sheet stock (26 gauge).

B. Finish

KasselShake is coated with a Kynar 500 or Hylar 5000 base coat and protective primer. Granules with Kynar/Hylar resin are electrostatically applied and baked into the base coat to provide a high quality finish.

C. Additional Materials

Other materials available from the manufacturer include matching terpolymer butyl rubber sealant, nail clips, touch-up paint, pipe flashings and nails.

3. Installation

A. Pitch

KasselShake is 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), wood shingles or wood shakes with a ¾” maximum butt thickness. KasselShake can be applied over wood shingles that are installed over spaced sheathing.

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

KasselShake panels have a four-way interlock that locks each panel to the surrounding panels. Successive courses are started with full, ½, ¾, and ¼ panels to obtain the proper stagger. The panels are secured to the roof using three nail clips. The nail clips, attached to the panel’s top lock, allow the panel to expand and contract as necessary. On installations over existing shingles on spaced sheathing, the clip can be used on the right-hand lock at a level that allows secure fastening through the old shingles and into a lathe board.

E. Fasteners

On installations over plywood or similar decking, galvanized steel roofing nails are used in sufficient length to fully penetrate the decking.

4. Protective Properties

A. Wind Resistance

KasselShake has passed the U.L. 580 Class 90 uplift test.

B. Fire Resistance

Meets a Class A fire rating with one layer of 30 lb. felt and one layer of Elk’s VersaShield.

C. Impact Resistance

The KasselShake meets UL 2218 Class 4 impact resistance.