

**Northwood Trails Homes Association, Inc.**  
**Minimum Standard and Criteria for Stone Coated Steel Roofing**

The members of the Northwood Trails Homes Association have approved the following material.

Stone coated steel roofs may be installed on homes provided the owner has submitted product information and specifications for written approval of the Architectural Review Committee. The Board of Directors provides the following specifications as minimum standards for stone coated steel roofs.

Weight:	Product must consist of at least 26 gauge galvanized steel, 140 pounds per square.
Style:	Panel shall imitate a wood shake shingle.
Quality:	Product must have the following coating applications. a.) Pure acrylic over-glaze b.) Earth stone granules c.) Acrylic resin base coat with algaecide d.) Corrosion inhibitive primer e.) Chemical conversion coating on front and back surfaces f.) Galvanized zinc coating on front and back surfaces g.) Protective steel coating on back to prevent condensation
Color:	Shall have the appearance and color of natural weathered cedar shake, as approved by the Architectural Review Committee.
Decking:	Shall be installed on solid plywood decking or over an existing roof with a grid system approved by the manufacturer which shall, at a minimum, be secured with a 16 D galvanized flat head nail and consist of 1" x 4" lumber approximately spaced two feet apart and 2" by 2" lumber calibrated every 14.5 inches.
Attachment:	Panels and accessories must be secured with 2-3/8 super black hot dipped flat head nail, or screw that is galvanized. Nails are to be placed at 21 degrees.
Underlayment:	Versa Shield Underlayment or another approved item must be used to insure that section 1516.3 of the UBC (Uniform Building code), section 1510.4 of the IBC (International Conference of Building Officials) and section R907.4 of the IRC for proper building codes are followed to create a U.L. class A fire rating.
Codes:	Product must be approved by Building Officials and Code Administrators.
Wind Rating:	Shall withstand a 120 MPH wind.
Warranties:	a.) Lifetime to homeowner b.) Transferable to next homeowner c.) Withstand 2-1/2 inch hail without cracking or splitting substrate d.) Withstand 1-3/4 inch hail without perforation of surface coating e.) Manufacturer's liability to include material and labor for covered damage.