

TECHNICAL BULLETIN

ECOPLY ROOFING

This will confirm Elk premium roofing products are approved for use with Ecoply Roofing plywood, manufactured by Carter Holt Harvey Woodproducts, according to the following installation requirements:

1. The Ecoply Roofing plywood, being untreated radiata pine with F11 marine grade adhesive bonding, minimum thickness 15 mm (19/32"), is applied on roof slopes as specified on the applicable shingle bundle wrapper.
2. The Ecoply Roofing plywood is applied in accordance with the specifications and guidelines of the manufacturer and complies with local codes.
3. Apply Elk shingles in accordance with the recommendations printed on each bundle wrapper.
4. Elk will not be responsible for deficiencies or movement in the roof deck, manufacturing defects of the fasteners resulting in failure to perform, and/or improper application of the substrate or Elk fiberglass shingles.

For our product specifications, limited warranties, or other information regarding Elk premium roofing products, please visit our web site at www.elkcorp.com or contact the Technical Department at 866-355-8324, ext. 3.

For information regarding Ecoply Roofing or the application requirements, please visit their web site at www.ecoply.co.nz/index.cfm.

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Steep Slope Technical Point

TO: Steep Slope Sales Team,
GAF-Elk Contractors, GAF-Elk
Distributors.

FROM: Contractor Services

DATE: 10/1/07

No: 101-07

SUBJECT: *Acceptable Substrates For GAF-Elk Shingle Applications*

<i>Why Is The Substrate So Important?</i>	A shingle roof substrate is like the "foundation" for your roofing system. The substrate provides the smooth structural base on which asphalt shingles are installed. If the substrate is inferior, the integrity of the roofing system may be compromised.
<i>What's Considered A "Standard Deck" For Shingles?</i>	<p>Standard decks include:</p> <ul style="list-style-type: none"> ○ 3/8" Minimum APA labeled exterior grade plywood or OSB decking ○ Nominal 1" thick (min.) x 6" wide (max.) wood planking, with a maximum 1/8" spacing at the ends and sides for new installations, or ○ Nominal 1" thick (min.) x 6" wide (max.) wood planking, with a maximum 1/4" spacing at the ends and sides for existing older installations using a double layer of underlayment for light weight shingles such as Sentinel®. ○ Wood planking, nominal 1" thick (min.) x 6" wide (max.) with spacing greater than 1/4" at the ends and sides for existing older installations will require an additional layer of 3/8" minimum APA labeled exterior grade plywood or OSB decking.
<i>Can Other Substrates Be Used Without Prior Approval?</i>	<p>When properly installed and using the fasteners recommended by the deck manufacturer, the following substrates may be used:</p> <ul style="list-style-type: none"> • Loadmaster Shingle Deck (except Sentinel® and Timberline® 30 Shingles) • Tech Shield or equivalent Radiant Barrier Decking systems with vapor permeable, perforated foil backing • 2" Minimum Homasote (Homasote Co.) • 2" Minimum Thermasote (Homasote Co.) • 2" Minimum Span Rock Gypsum Plank (USG) – fasteners must have a minimum 40 lbs. of pullout • Vent-Top Thermacal (Cornell) • Vented-R (Atlas) • Vented Nail-Line (Apache) • Hunter Vented Nail Base • Huber Zip Deck System – A waterproof underlayment such as Stormguard® must be used at eaves as required by code or for certain warranty considerations and additional underlayment may be needed on slopes less than 4:12 or on re-roofing projects. <p>Note: GAF-Elk shingles are not approved for applications directly over any insulation or fiberboard.</p>
<i>What About Codes?</i>	Roof decks must meet local codes... and approval from the local building department should be obtained to confirm the deck construction meets local code requirements.
<i>Is The Substrate Or Workmanship Covered Under GAF-Elk's Warranty?</i>	No. The substrate must be installed in accordance with the deck manufacturer's specifications. Roof deck installation instructions for specific deck types must be obtained from the respective manufacturer. GAF-Elk does not warrant the installation method, the performance of the decking or problems with the shingles caused by the deck or substrate.
<i>Where Can I Get More Information?</i>	GAF-Elk Technical Services can assist you... with these and other questions you may have regarding your new roof installation. GAF-Elk Technical Services can be contacted at 800-ROOF-411 (800-766-3411). Also, <i>the GAF-Elk website is a great resource</i> for just about any question you may have or for additional information you may require. That site is at: www.gaf.com