



Steep Slope Technical Point

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

FROM: Contractor Services

DATE: 10/1/07

No: I14-07

SUBJECT: *Hand-Sealing Shingles*

<p><i>What Is Hand-Sealing?</i></p>	<p>Hand Sealing is... the method to assure and enhance sealing of shingles with roofing cement (ASTM D-4586) on very steep slopes, in high wind areas, and when installing in cold weather.</p> <p>GAF-Elk may choose to hand-seal a roof or slope of a roof if there has been insufficient heat or sun exposure to seal shingles and blow-off damage has occurred. This does not mean that the sealant is defective, only that there has not been sufficient heat to activate the sealant. Failure of a shingle to seal due to insufficient heat is not a manufacturing defect.</p>
<p><i>When Should Shingles Be Hand Sealed?</i></p>	<p>Hand seal shingles when installing...</p> <ul style="list-style-type: none">• in cold weather, fall or winter• on steep slopes (greater than 21/12 roof slopes)• on mansard roofs• while performing repairs• after installation of accessories, such as power vents or skylights• shingles up the rake of the roof for added wind protection
<p><i>How Does Hand Sealing Get Done?</i></p>	<p>Check shingle application instructions... to determine the number and location of the dabs of cement to be used for and sealing. All GAF-Elk shingle application instructions have hand sealing procedures listed. Follow the instructions for the particular product to be sealed.</p> <ul style="list-style-type: none">• Use a caulking gun or small trowel... to place dabs of cement under the shingle to be sealed.• Use a quarter sized dabs of cement... as a guide to judge the correct amount of cement to be used. <p><i>Note: Too much cement can run down the face of the shingle or cause blistering.</i></p> <ul style="list-style-type: none">• Press shingle into cement... to fully seal these shingles.
<p><i>Where Can I Get More Information?</i></p>	<p>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</p>