

# Shingle Application On Low Slopes 2:12 To 4:12

## Steep Slope Technical Point

Updated: 5 /2011



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# Steep Slope Technical Point

No: 127-11

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

FROM: Contractor Services

DATE: 05/27/11

SUBJECT: *Shingle Application On Low Slopes 2:12 To 4:12*

<b>What Slope Is Considered "Low Slope" For Shingles?</b>	A roof slope of 2:12 up to but not including 4:12 is considered as "Low" in residential construction.
<b>What Precautions Need To Be Taken To Install Shingles On "Low Slopes"?</b>	For low slopes, as well as any other slope, your local building department should be contacted. Be sure all applicable building code requirements are met.  For slopes of 2" up to but not including 4" per foot, a double layer of roof deck protection is required. GAF recommends: Shingle-Mate®, RoofPro™, #15 or #30 felt, TigerPaw™ or Deck Armor™ Roof Deck Protection.
<b>Why The Extra Steps?</b>	It's simple... lower slopes make it harder for a shingle roof to "shed" water and this extra protection makes sure that if water gets below the shingles, it doesn't result in a leak! Also, on lower slopes, wind driven rain water can be more of a concern... and again, the extra protection helps protect your building when weather threatens.
<b>What GAF Shingles Can I Use For Low Slopes?</b>	Almost all GAF shingles can be installed on slopes as low as 2:12 provided that the shingle application instructions are followed as printed on the inside of the shingle bundle wrappers. Any slope limitations will be indicated in the instructions. GAF application instructions are also available online at: <a href="http://www.gaf.com">www.gaf.com</a> .  Note: The appearance of some shingles, particularly laminated shingles, will be different on low slopes.
<b>What NOT To Do!</b>	Do not reduce the exposure of the shingles to compensate for the low slope installation. Often, roofers may offer this as an option but this practice is not recommended.
<b>The Specifics Of The Double Layer Of Roof Deck Protection:</b>	<i>"Completely cover the deck with two layers of roof deck protection (achieve by using an overlap of two plies as detailed on the wrapper instructions). Use only enough nails to hold the roof deck protection in place until covered by shingles. At eaves, use GAF WeatherWatch® or StormGuard® Leak Barrier. Where ice dams are not expected, use 2 layers of Roof Deck Protection."</i>  See detail of this construction below.
<b>Where Can I Get More Information?</b>	GAF Technical Services can assist you... with these and other questions you may have regarding your new roof installation. GAF Technical Services can be contacted at 800-ROOF-411 (800-766-3411). Also, <i>the GAF 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: <a href="http://www.gaf.com">www.gaf.com</a> .

