



TECHNICAL BULLETIN

Last Revision: September 2016

Subject: **Application for Asphalt Shingles on Steep Slopes and Mansard Construction**

Mansard construction requires special application methods. Mansard roofs style excessive slope reduces the effectiveness of factory-applied adhesives, especially in colder or shaded areas. If slopes exceed 60 degrees (21:12) the shingle should be applied by the following method using an asphalt roofing cement that complies with ASTM D4586.

- Secure the shingle to the roof deck with fasteners as required in Atlas' shingle installation instructions. Atlas requires six nails per shingle when fastening shingles in steep slope and/or Mansard construction.
- In spots equivalent to the size of a quarter, a quick setting, asphalt adhesive cement must be applied under all shingle tabs immediately upon installation.
 - For laminate or architectural shingles: Immediately upon application, apply six (6) quarter size spots of asphalt plastic cement under each shingle. All six spots are to be approximately 1" up from the bottom edge of the shingle and spaced equally across the shingle with the two outer spots located 1" from each outer edge. The cement should not be exposed when the shingles are pressed into position.
 - For three-tab or strip shingles: Immediately upon application apply six (6) quarter size spots of asphalt plastic cement under each shingle. Two spots of asphalt plastic cement about the size of a quarter are to be placed under each tab. One spot to be placed 1" to 2" from each side edge of tab and near bottom and pressed into position. The cement should not be exposed when the shingles are pressed into position.
- CAUTION: Excessive use of roofing cement can cause shingles to blister. Please follow installation guidelines carefully.