



TECHNICAL NOTICE

August 28, 2019

INSTALLATION DURING COOLER WEATHER MAY AFFECT APPEARANCE AND SEALANT ACTIVATION OF TAMKO FIBERGLASS/ASPHALT SHINGLES

Installation of fiberglass/asphalt shingles during cooler months requires extra care to ensure acceptable appearance and function of the finished roof. Cooler weather installation may affect the appearance and the wind resistance of the finished roof.

Appearance of the Finished Roof

As installation temperatures decrease, shingles become less flexible which makes handling and installation more challenging. This reduced flexibility increases the likelihood that some shingles installed under these conditions will not lie flat, causing the finished roof to have an uneven appearance. This uneven appearance can be expected to diminish as the shingles are warmed by sun exposure. The time required for shingles installed in cooler weather conditions to lie flat varies considerably and is affected by many factors including the direction the roof faces, range of air temperature, duration and intensity of sun exposure, and color of the shingles. Allowing the shingles to go through a warm weather season usually diminishes the uneven appearance associated with installation in cooler weather.

Sealant Activation

Lower temperatures affect the ability of shingle sealant to activate and bond to adjacent shingles. Shingles installed in cooler weather or on areas of the roof that do not receive direct sunlight may not seal fully until weather conditions are adequate to allow the sealant strip to activate and the shingles to lie flat. Two things must occur for the shingles to seal. First, there must be contact between the sealant strip and adjacent shingles, which may not occur if the shingles are not lying flat. Second, the sealant must be activated by exposure of the shingle to the sun for a sufficient period of time. Because numerous variables are involved (e.g. shingle color, roof slope, exposure direction, air temperature, angle of the sun), the time required to fully seal is unique for each roof. Dust and other contaminants blown under shingles prior to sealant activation may accumulate on and around the sealant strip and may interfere with proper sealing of the shingles. This is more likely to occur when shingles are installed in cooler conditions and experience longer times before sealing.

Please see the applicable application instructions for the purchased shingles, available at tamko.com, for complete details related to installation during cooler months. This Technical Notice is not intended, nor should it be construed to, alter or waive any portion of the applicable TAMKO limited warranty or the applicable application instructions.

Additional information about TAMKO products is available at tamko.com.

* To obtain the current version of this Technical Notice and the most recent limited warranty, visit TAMKO's website at tamko.com. TAMKO reserves the right to update, remove, or otherwise modify any Technical Notice. If a previous Technical Notice currently is not listed at tamko.com then it is no longer valid and should not be referenced or relied upon for any reason.

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