TAMKO BUILDING PRODUCTS LLC

TECHNICAL NOTICE

November 10, 2026

USING PLASTIC ROOF CEMENT AT EAVE AND RAKE EDGES ON FORTIFIED ROOFS

The 2025 FORTIFIED Home™ Standard from the Insurance Institute for Business & Home Safety (IBHS) requires the eave and rake edges of an asphalt shingle roof to be sealed against wind and wind-driven rain. TAMKO permits TAMKO starter shingles to be set in plastic roof cement to meet the Standard's flashing cement option.

Where Cement is Allowed. At eaves, plastic roof cement is applied over the drip edge and underlayment, and the TAMKO starter shingle (with its factory applied sealant) is set in the cement. At rakes, cement may be used to set either the TAMKO starter shingle or, where permitted by the Application Instructions for the specific TAMKO shingle, each shingle course directly. Refer to FORTIFIED Details F-DE-1, F-RC-2, and F-RC-3, as applicable.

Cement and Overhang Limits. For installations seeking a FORTIFIED Roof designation, TAMKO permits the minimum 8-inch-wide cement application required by the FORTIFIED Standard. The cement strip must be at least 8 in. wide and less than 1/8 in. thick. The starter shingle and field shingles must not extend more than 1/4 in. beyond the drip edge. Apply cement in a thin, uniform layer. Excessive cement can cause shingle blistering and may soften asphalt in certain underlayments, resulting in flowing, dripping, and staining.

Compatible Cement. Use plastic roof cement complying with ASTM D4586, Type I. Before application, confirm with the respective manufacturers that the cement is compatible with the field shingles, starter shingles, underlayment, and any primer used.

Eave Installation. When plastic roof cement is used at the eave, follow FORTIFIED Detail F-RC-2 and the steps below:

1. Install new, corrosion-resistant drip edge over the underlayment at the eave in accordance with FORTIFIED Detail F-DE-1.
2. Make sure the top surface of the drip edge is clean and free of oil. Prime it with ASTM D41 primer if required by the starter shingle manufacturer.
3. Apply plastic roof cement over the drip edge and underlayment in a strip that meets the width and thickness limits above.
4. Set the TAMKO starter shingle in the cement. Install fasteners along a line parallel to the eave, 1-1/2 in. to 3 in. above the eave edge, according to TAMKO's Application Instructions.
5. Confirm the starter shingle and field shingles stay within the overhang limit above.

Rake Installation. When plastic roof cement is used at the rake:

1. Install new, corrosion-resistant drip edge over the underlayment in accordance with FORTIFIED Detail F-DE-1.
2. Make sure the top surface of the drip edge is clean and free of oil. Prime it with ASTM D41 primer if required by the starter shingle manufacturer.
3. Apply plastic roof cement in a strip that meets the width and thickness limits above.
4. Use one of the following methods, as applicable:
    a. Set the TAMKO starter shingle in the cement, in accordance with FORTIFIED Detail F-RC-2.
    b. Where permitted by the Application Instructions for the specific TAMKO shingle, set each shingle course directly in plastic roof cement, bonding shingles to the underlayment and each other in accordance with FORTIFIED Detail F-RC-3 and the width and thickness limits above.
5. Fasten starter shingles and field shingles according to TAMKO's Application Instructions.
6. Confirm the starter shingle and field shingles do not extend more than 1/4 in. beyond the drip edge.

Other FORTIFIED Requirements. For FORTIFIED installations, install TAMKO shingles in accordance with the High Wind Application requirements for the specific product, including the required fastening pattern, starter shingles, and hip and ridge products.

TAMKO's High Wind Application warranty coverage is available only for new construction or complete tear-off installations. If the applicable requirements are not met, the wind warranty MPH limit reverts to the standard application limited stated in TAMKO's Limited Warranty. All other applicable FORTIFIED requirements and building code requirements must also be met.

FORTIFIED Designation. FORTIFIED is a program of IBHS and is independent of TAMKO. A FORTIFIED designation is issued by IBHS only after the complete roof system is verified by a FORTIFIED evaluator and passes IBHS review. Using the materials and methods in this Notice does not guarantee a FORTIFIED designation. See the current FORTIFIED Home Standard at fortifiedhome.org.

Warranty Considerations. Failure to comply with TAMKO's installation requirements or strictly adhere to TAMKO's applicable Application Instructions may affect coverage under TAMKO's Fiberglass/Asphalt Shingle Limited Warranty and TAMKO's Enhanced Limited System Warranties. TAMKO's current Fiberglass/Asphalt Shingle Limited Warranty and Arbitration Agreement, applicable Enhanced Limited System Warranty, and Application Instructions should be reviewed to ensure compliance with all applicable requirements.

This Technical Notice is not intended to alter the Application Instructions for TAMKO fiberglass/asphalt shingles, which are available at tamko.com and are printed on the wrapper of each bundle of shingles in an abbreviated version. This Technical Notice is not intended, nor should it be construed to alter or waive any portion of the *TAMKO Fiberglass/Asphalt Shingle Limited Warranty and Arbitration Agreement* or *TAMKO Enhanced Limited System Warranties*.

In all cases, the installer is responsible for ensuring that the installation complies with TAMKO's Application Instructions, the IBHS FORTIFIED Standard requirements, and applicable building codes.

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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