

Proper pipe restoration will vary based on type, size and preexisting condition of the stand flashing and transition areas. If the existing flashing exhibits signs of potential leak points, a comprehensive inspection for trapped moisture shall be conducted. If trapped moisture is found or if previous repairs have built up, potentially creating water dams, existing material/flashing shall be removed and replaced.

This detail assumes a new pipe is being installed or previously installed flashing on an existing stand is completely removed.

Reinforced Mastic “Fingers” (3-Course) Pipe to Field

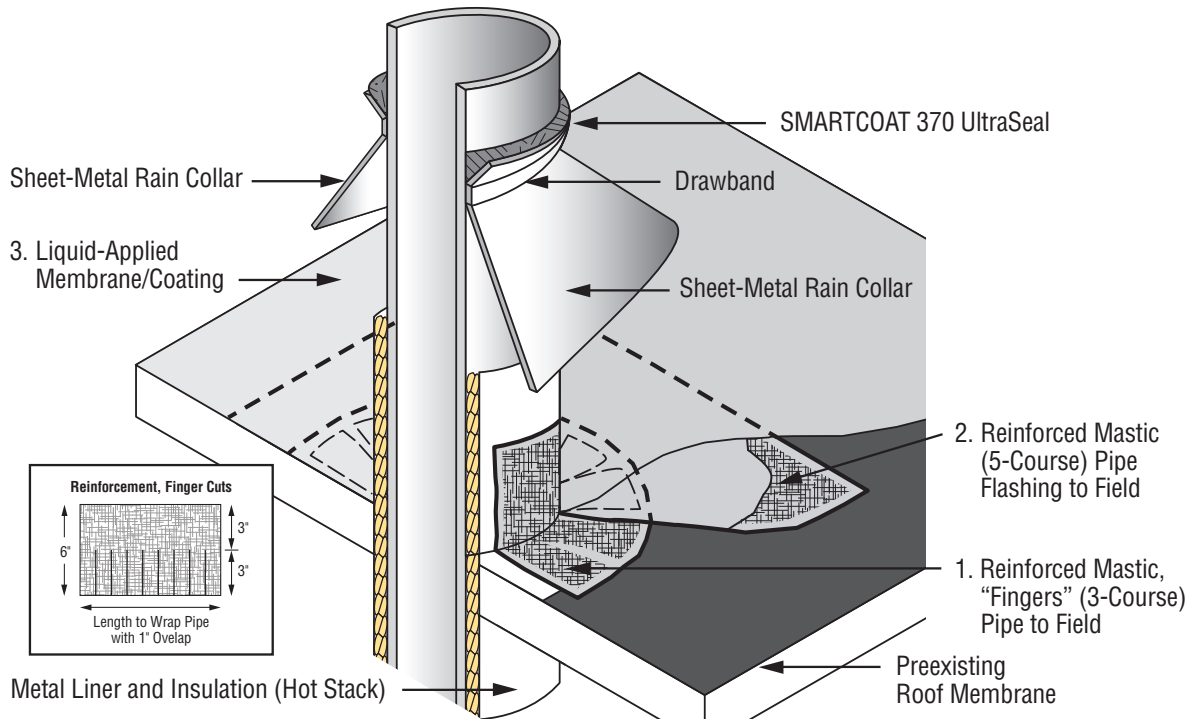
Apply SMARTCOAT 300 Series Mastic with a brush, trowel or gloved hand at a maximum thickness of 1/8” for 300 Acrylic Mastic and 1/4” for 350 Silicone Mastic. Cut edge of SMARTFAB 500 Polyester Reinforcement into “fingers” to accommodate the circular/radial nature of this detail. See illustration: Reinforcement “Fingers”. Immediately embed reinforcement, minimum 6” width, into wet mastic followed by a second coat of mastic at prescribed thickness to encapsulate edges and surface of polyester. Ensure the polyester is evenly covered and the edges of the detail are properly feathered.

Reinforced Mastic (5-Course) Pipe Flashing to Field

After the first course of mastic is cured, apply SMARTCOAT 300 Series Mastic with a brush, trowel or gloved hand at a maximum thickness of 1/8” for 300 Acrylic Mastic and 1/4” for 350 Silicone Mastic. Immediately embed SMARTFAB 500 Polyester Reinforcement, minimum 6” width, into wet mastic abutting the pipe vertical and extending a minimum 2” beyond the reinforcement “fingers”. A large width polyester may be utilized with a center hole to accommodate the pipe. If 6” width polyester is utilized, all overlaps shall be a minimum 2”; mastic shall be applied to all overlapped surfaces. Apply a second coat of mastic at prescribed thickness to encapsulate edges and surface of polyester. Ensure the polyester is evenly covered and the edges of the detail are properly feathered.

Liquid-Applied Membrane/Coating, Field

Once mastic is cured, apply coating in accordance with specified SMARTCOAT application. Extend coating up existing flashing to top of pipe. Multiple coats will be required to achieve specified mil thickness on vertical surfaces; it is not recommended to apply more than 1G per 100 sq. ft. in a single coat to avoid material sagging.



NOT DRAWN TO SCALE

NOTE: Never repair or coat-over silicone-based mastic or coating with anything other than a compatible silicone-based product; acrylic materials will not bond to silicone.

NOTE: When portions of the detail have undergone previous repairs and if the repairs have been made with compatible materials and are sound, repair can be left in place and reinforced mastic (3-course) applied atop; if the repair was made with incompatible materials, is failing or has potential for high movement, remove these materials and proceed with reinforced mastic (3-course/5-course as appropriate).

For additional questions or support contact CertainTeed Commercial Roofing Technical Services Department 1-800-396-8134 x2 or rpg@saint-gobain.com