

NOTE: This detail assumes a preexisting roof membrane and drain flashing is left in place. Proper drain restoration will vary based on drain type, size and preexisting condition of the drain and transition areas. If the existing drain 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 the material around the drain such that it is not properly draining water; existing material/flashing shall be removed and replaced; if the drain is not performing properly it shall be replaced. Missing or damaged bolts should be replaced; the drain shall be firmly in place.

As conditions will vary, reinforce SMARTCOAT 300 Series Mastic as necessary to ensure a watertight condition.

Mastic - Drain Bowl

Extend SMARTCOAT 300 Series Mastic bridging the seam between the clamping ring and the drain bowl with a brush or gloved hand at a maximum thickness of 1/8" for 300/301 Acrylic Mastic and 1/4" for 350/365 Silicone Mastic.

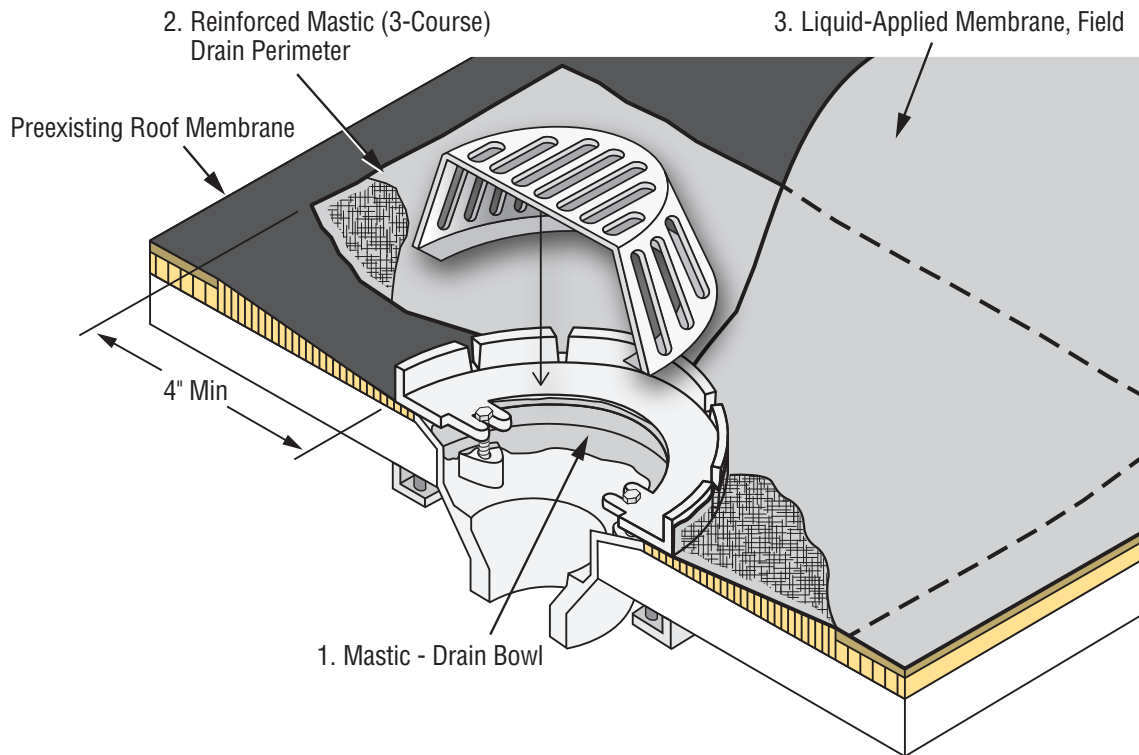
Reinforced Mastic (3-Course) Drain Perimeter

Apply SMARTCOAT 300 Series Mastic bridging the seam between the clamping ring and the field of roof 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. After mastic is applied immediately embed SMARTFAB 500 Polyester Reinforcement at appropriate widths and lengths (depending on size of the drain) into wet mastic followed by a second coat of mastic at prescribed thickness to encapsulate polyester.

Liquid-Applied Membrane, Field

Once mastic is cured, apply coating in accordance with specified SMARTCOAT application.

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).