

KEMPEROL MEMBRANE TIE-IN, PATCHING AND REPAIR GUIDELINES

General

When two plies of Kemperol membrane are required to overlap, the membrane plies should be installed wet-in-wet wherever possible. This principle applies to all membrane overlaps including two-ply applications, overlaps, joints, seams, patches and repairs. When this is not possible due to weather, jobsite conditions or other unforeseen circumstances, or damage to an existing in-place Kemperol membrane system, a second ply of membrane may be installed as follows:

Original Installation

New Kemperol membrane can be adhered directly to fresh in-place membrane to accomplish overnight tie-ins, allow completion of flashings prior to field membrane installation, and other similar installation conditions, by means of the following procedure:

Step 1: Thoroughly clean the in-place membrane with MEK (methyl ethyl ketone) to achieve a minimum 2" (5 cm) overlap area. Pre-cleaning of the in-place membrane with Simple Green is generally not required; a solvent wipe is generally sufficient.

Step 2: After the solvent has been allowed time to fully evaporate, apply the new Kemperol membrane directly to the in-place membrane.

NOTE: DO NOT apply primer to the in-place Kemperol membrane surface.

Membrane Patching and Repairs

New or existing Kemperol membrane that has been cut, torn, punctured or damaged from abuse or impact, or blistered from trapped moisture, shall be repaired by means of the following procedure:

Step 1: Check the disturbed area to determine the extent of damage. In areas where the membrane has been disbanded from the substrate, cut and remove the loose membrane back to a securely bonded point on the substrate. Where the substrate is exposed remove any loose material, grind off any remaining primer, and prepare the substrate for priming.

Step 2: Apply Kemperol primer of the type recommended for the substrate surface. Follow application instructions for the specific primer type.

NOTE: DO NOT apply primer to the in-place Kemperol membrane surface.

Step 3: Cut a rectangular or circular piece of Kemperol fleece (fleece should be the same weight as the area of repair) a minimum of 3" (7.6 cm) larger in all directions of the repair area. A minimum of 3" (7.6 cm) overlap onto sound, secure in-place membrane is required.

Step 4: Thoroughly pre-clean the in-place membrane with Simple Green to remove dirt and other similar contaminants. Mechanical scrubbing may be required. Rinse and allow to dry thoroughly.

Step 5: Thoroughly clean the in-place membrane with MEK (methyl ethyl ketone). An area equal to the fleece patch plus 2" (5 cm) beyond in all directions should be cleaned.

Step 6: After the solvent has been allowed time to fully evaporate, apply the new Kemperol membrane resin/fleece patch directly to the in-place membrane.

Step 7: After the patch has thoroughly cured, re-apply membrane surfacing as needed to match the existing in-place membrane.

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