

TECHNICAL LETTER— MEMBRANE REPAIR

Some situations may require repair of an existing membrane or an overlay with a new membrane applied over an existing membrane. If a membrane is damaged during installation or by other trades prior to the finish covering is applied then a repair can be successful if the following guidelines are followed.

Repairs

Damaged area should be cleaned and free from all dirt, debris and other contaminants. A patch should be cut to cover a minimum of 6" in all directions around the area of damage. A light primer coat should be applied to the damaged membrane extending 7" in all directions past the damaged area. The primer should be allowed to completely cure prior to applying the patch. Once the primer is cured apply patch and roll to ensure adhesion. A minimum ½" bead of JS160H mastic should be applied to the entire edge of the patch area and troweled flat.

If a membrane has been installed and left exposed longer than the recommended Exposure Limit, then an overlay of a second course can be successfully installed if the following guidelines are followed.

Overlay

Existing membrane should be inspected for damage, loose areas and detail areas around penetrations; if damage is found, the damaged area should be repaired prior to installing the new course.

The existing membrane should be cleaned and free from all dirt, debris and other contaminants.

A full coverage of primer should be applied to the existing membrane and allowed to fully cure.

Installation of new course should follow standard installation practices, starting at the lowest point.

Membrane should be cut so overlaps are offset a minimum of one foot (12 inches).

Install membrane such that all laps shed water in both vertical and horizontal installations.

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