

# Application Staging, Tie-In & Repair



## Technical Data Sheet

### General

ALT membrane components should be installed the same day without delays or stoppage wherever possible. This principal applies to interface details, membrane topcoat, daily tie-ins, finishes, patches and repairs. When this is not possible due to work interruptions, i.e., weather, jobsite conditions, other unforeseen circumstances, or repair of damage to an existing in-place ALT membrane, the following guidelines apply.

### Membrane Re-activation Following Work Interruptions

Subsequent topcoats (i.e., membrane resin topcoat or ALT Finish application) or daily start-up tie-ins should be applied within 12-hours of the base membrane whenever possible. If work is interrupted for more than 12-hours, use ALT Activator to clean and reactivate the in-place ALT membrane.

ALT Activator should be wiped on the in-place membrane, allowed 20-minutes evaporation time, and over-coated within 60-minutes of application. ALT Activator should only be applied over an area that can be over-coated within a 60-minute period. Re-apply ALT Activator as required to assure proper reactivation of all transition areas.

### Tie-In to ALT Membrane with Greater Than 12 Hour Cure

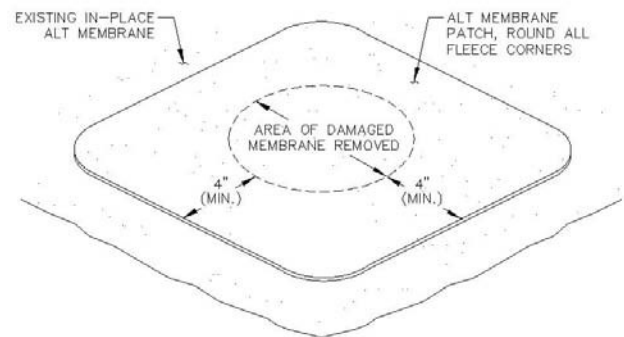
For work tie-ins, subsequent layers of ALT membrane must overlap the existing membrane a minimum of 4-inches (10 cm) including both ALT resin and ALT Fleece reinforcement. An area equal to the membrane overlap plus 2-inches (5 cm) beyond in all directions should be cleaned and reactivated with ALT Activator.

### Membrane Patches and Repairs

When ALT membrane is cut, torn, punctured or damaged from abuse, impact, or blistered from trapped moisture, the following repair procedures should be followed:

**Step 1:** Check the disturbed area to determine the extent of damage. In areas where the membrane has been disbonded 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 damaged or un-adhered primer, and prepare the substrate for re-priming with an appropriate ALT primer where required. For older membrane repairs, depending upon the age and condition of the in-place

membrane, primer may be extended onto the membrane transition area if necessary. On non-traffic bearing systems, blistered or damaged membrane may remain in place with patches applied over the affected areas.



**Step 2:** Cut a patch of ALT Fleece reinforcement (circular or rectangular with rounded corners) a minimum of 4-inches (10 cm) larger in all directions of the repair area and fray all edges. A minimum of 4-inch (10 cm) overlap onto sound in-place membrane is required.

**Step 3:** Where applicable, grind and remove ALT Finish, topcoats or aggregate surfacing down to virgin membrane on an area equal to the fleece patch plus 2-inches (5 cm) beyond in all directions.

**Step 4:** Thoroughly clean and reactivate the interface area of the in-place membrane and substrate where applicable using ALT Activator as indicated previously for work interruptions. Then apply the membrane patch (resin/reinforcement/resin) following standard application procedures and guidelines. After the membrane patch has cured, re-apply surfacing treatments as needed to match the existing.

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