ALSAN RS Staging, Tie-In & Repair Guide

General

ALSAN RS components should be installed the same day without delays or stoppage wherever possible. This principal applies to primer, interface details, membrane, mortar, topcoat, and finishes. When this is not possible due to work interruptions, i.e., weather, jobsite conditions, other unforeseen circumstances, or to complete repairs of damaged in-place ALSAN RS membrane or components, the following guidelines apply.

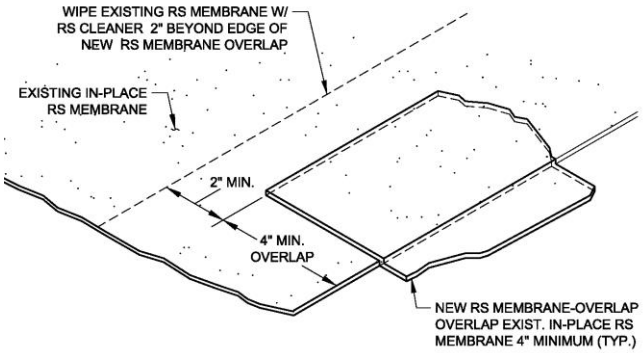
Work Interruptions

Subsequent ALSAN RS components (i.e., membrane, flashings, mortar, topcoat or finish) or daily start-up tie-ins should be applied within 12 hours of the previously applied ALSAN RS component whenever possible. If work is interrupted for more than 12 hours, use ALSAN RS Cleaner to wipe down, clean and prepare the in-situ ALSAN RS component.

Using clean lint-free cotton rags wet with ALSAN RS Cleaner, wipe the in-place ALSAN RS component as required to remove any dust, dirt or debris. Allow the ALSAN RS Cleaner 20 minutes evaporation time, and over-coated within 60 minutes of application. Wipe and clean all transition areas, tie-ins or in-place ALSAN RS components to be overlaid.

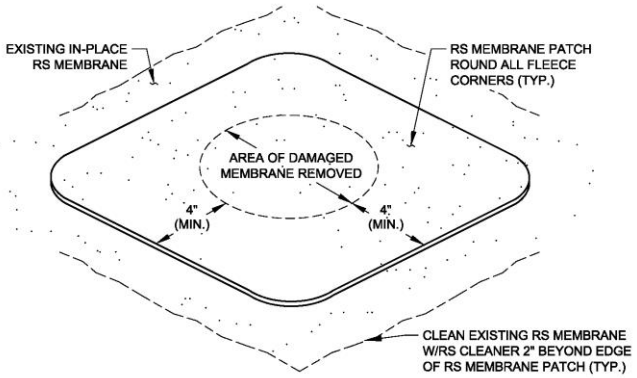
ALSAN RS Tie-Ins

At work tie-ins, an area equal to the required ALSAN RS component overlap plus 2 in (50 mm) beyond in all directions should be wiped, cleaned and prepared with ALSAN RS Cleaner. Subsequent layers of ALSAN RS membrane or mortar must overlap the in-place ALSAN RS component 4 in (100 mm) minimum. For ALSAN RS Fleece reinforced membranes, the overlap must include both ALSAN RS resin and ALSAN RS Fleece reinforcement.



ALSAN RS Membrane Patches and Repairs

When ALSAN RS membrane is cut, torn, punctured, de-bonded or damaged from abuse, impact, or blistering 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 de-bonded, 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 ALSAN RS 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.

Step 2: Fill the area where the loose membrane was removed with ALSAN RS Paste or ALSAN RS 233/263 LO Self-Leveling Mortar as required. Note: ALSAN RS 233/263 LO Self-Leveling Mortar must be used on all traffic bearing applications. ALSAN RS 233/263 Mortar or ALSAN RS Paste may be used on non-traffic bearing horizontal or vertical applications. Allow the ALSAN RS or ALSAN RS 233/263 LO Self-Leveling Mortar to fully cure before applying an ALSAN RS fleece reinforced membrane patch.

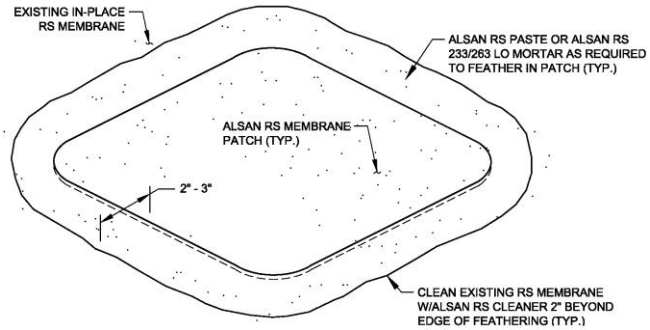
Step 3: Cut a patch of ALSAN RS Fleece reinforcement (circular or rectangular with rounded corners) a minimum of 4 in (100 mm) larger in all directions of the repair area. A minimum of 4 in (100 mm) overlap onto sound in-place ALSAN RS membrane is required.

Step 4: Where applicable, grind and remove all ALSAN RS Finish, topcoats or aggregate surfacing down to virgin ALSAN RS membrane on an area equal to the fleece patch plus 2 in (50 mm) beyond in all directions.

Step 5: Thoroughly wipe and clean the interface area of the in-place ALSAN RS membrane and substrate where applicable using ALSAN RS Cleaner as indicated previously for work interruptions. Then apply the ALSAN RS 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 where applicable.

Step 6: Where ALSAN RS mortar, finish or surfacing will be applied over the membrane patch, feather-in the patch edges with ALSAN RS Paste or ALSAN RS 233/263 LO Self-Leveling Mortar. Note: ALSAN RS 233/263 LO Self-Leveling Mortar must be used on all traffic bearing waterproofing applications. ALSAN RS 233/263 Mortar or ALSAN RS Paste may be used on non-traffic bearing (horizontal or vertical) applications.

After the ALSAN RS membrane patch has cured, apply ALSAN RS Paste or ALSAN RS 233/263 LO Self-Leveling Mortar in a 2 - 3 in (50 – 75 mm) wide band around the edges of the patch using a putty knife and finishing trowel. Spread the feather edge and finish the applied paste or mortar to create a smooth transition.



Imperfections telegraph through surfacing & finish, and therefore must be corrected before proceeding. Minor imperfections in the applied paste or mortar can be ground down before applying surfacing or finish. With a diamond cup wheel hand grinder, lightly grind the top surface of any imperfections and adjust feathering using care not to damage the in-place membrane.

ALSAN RS Finish & Surfacing Repair

When ALSAN RS Finish or surfacing is damaged, repairs can be easily made back to a planned color break and/or designated break point as follows:

Step 1: Check the disturbed area to determine the extent of damage. Using care, grind and remove all ALSAN RS Finish, topcoats or aggregate surfacing to expose the underlaying ALSAN RS membrane.

Step 2: Thoroughly wipe and clean the in-place membrane using ALSAN RS Cleaner as indicated previously for work interruptions.

Step 3: Re-apply ALSAN RS Finish and/or surfacing components as needed to match the existing.

See Technical Data Sheet RS109 “ALSAN RS Finish & Surfacing Application Guide” for additional guidance and recommendations for applying ALSAN RS Finish and surfacing components.