General

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

Work Interruptions

Subsequent Impermitek components (membrane, flashings, mortar, topcoat, or finish) or daily start-up tie-ins should be applied within 12 hours of the previously component application. If work is interrupted for more than 12 hours, use Impermitek Cleaner & Activator to wipe down and prepare the in-site Impermitek component.

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

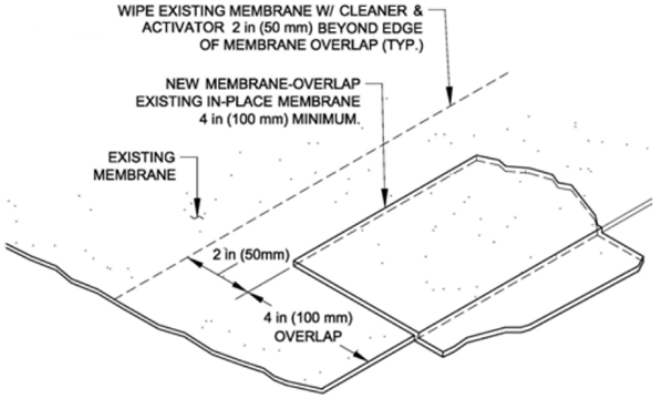
Temporary Night Seals

Temporary night seals are crucial for protecting the new roofing and waterproofing system from water damage, especially during periods when exposed edges of the assembly are left open. Temporary night seals act as a temporary barrier preventing water from entering the building interior, and are required to to protect any installed components such as insulation and coverboard.

The selection and use of a temporary night seal is typically at the contractor's discretion and considered part of the installation "means and methods". Depending on the roof assembly and type of temporary night seal used, these may remain in place or be removed upon resuming the installation.

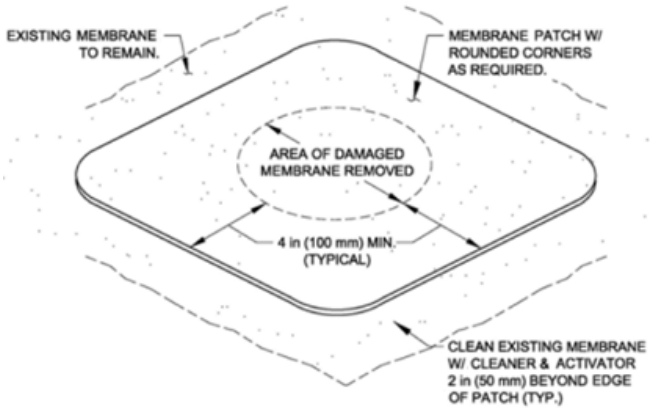
Impermitek Tie-Ins

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



Membrane Patches and Repairs

When Impermitek's membranes are 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 Impermitek primer as required. For older membrane repairs, primer may be extended onto the membrane transition area if necessary.

Step 2: Where loose membrane was removed, fill the area with Impermitek's TekPaste or SL Mortar as required.

NOTE: Impermitek's SL Mortar must be used on all traffic bearing surfaces with traffic bearing waterproofing applications. SL Mortar or TekPaste may be used on non-traffic bearing waterproofing (horizontal or vertical)

applications. Allow the TekPaste or SL Mortar to fully cure before applying any Impermitek components over top.

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

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

Step 5: Thoroughly wipe and clean the interface area of the in-place membrane and substrate where applicable using Impermitek Cleaner & Activator as indicated previously for work interruptions. Then apply the Impermitek membrane patch (resin-reinforcement-resin) following standard application procedures and guidelines. After the membrane patch has cured, re-apply surfacing treatments to match the existing where applicable.

Step 6: Where Impermitek mortar, finish, or surfacing will be applied over the membrane patch, feather-in the patch edges with TekPaste or SL Mortar.

NOTE: Where required, TekPaste or SL Mortar may be applied as a smoothing layer. Spread, feather edge and finish the applied paste or mortar to create a smooth transition. Impermitek's SL Mortar is required on traffic bearing surfaces. The SL Mortar or TekPaste may be used on non-traffic bearing waterproofing (horizontal or vertical) applications.

After the TekPaste or SL Mortar has cured, minor imperfections can be ground down using a hand held grinder with an abrasive disc or appropriate diamond cup wheel before applying surfacing or finish. With care, lightly grind the top surface of any imperfection and adjust feathering carefully not to damage the in-place membrane.

Finish & Surfacing Repair

When Impermitek's finishes or surfacing are 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. Carefully grind and remove all damaged Impermitek finish, topcoat, or aggregate surfacing to expose the underlaying membrane or SL Mortar.

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

Step 3: Re-apply Impermitek finish and/ or surfacing components as needed to match the existing.

See Technical Data Sheet “Finish & Surfacing Application Guidelines” for additional guidance and recommendations on applying Impermitek finish and surfacing components.

DISCLAMER

The purpose of this Guide is to provide fundamental information and important design and/or application considerations for Impermitek roofing, waterproofing and surfacing assemblies. Impermitek manufactures and sells roofing, waterproofing, and traffic surfacing materials and does not practice architecture or engineering.

Impermitek is not responsible for the performance or damage to its products caused by improper building design, construction flaws, or defects in workmanship. These guidelines should not be construed as being all-inclusive, nor should they be considered as a substitute for good application practices. This document and/or any other literature produced by or on behalf of Impermitek are offered for the purpose of guidance and must be evaluated and modified by the Designer of Record and or applicator for each individual project as needed.

The design and use responsibility of Impermitek products remains with the architect, engineer, roofing contractor, or owner. Please consult your design professional for more information. Impermitek's responsibility is limited to the terms and conditions of the project warranty, which takes effect only when issued in writing by Impermitek to the customer. Specimen warranties are available on request.