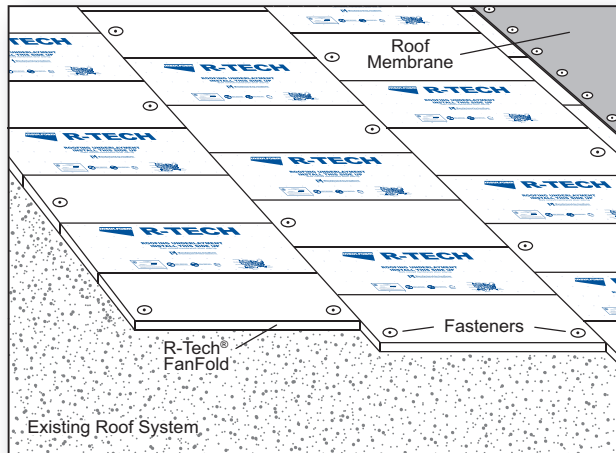
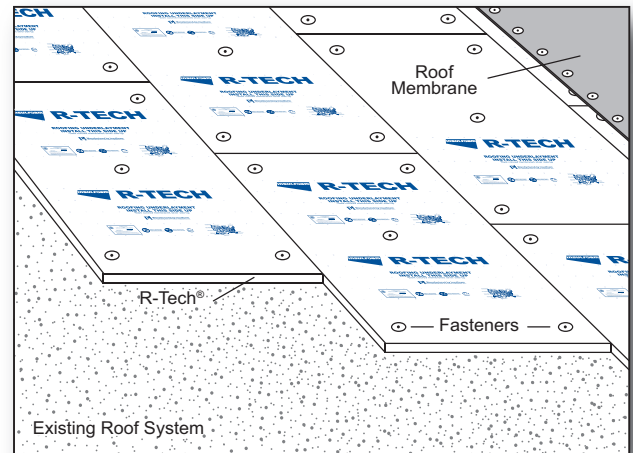


R-Tech FanFold



R-Tech 4' x 8'



General

This specification is intended for use over any substrate suitable to receive and support a mechanically attached roof insulation assembly and subsequent roof membrane. It is provided to serve as a guideline for designers and installers.

Installation Considerations

- R-Tech insulations are shipped in plastic film wraps, which are intended for temporary protection during shipping. All material should be protected from the elements and stored in a dry location.
- Install only as much insulation as can be covered by a roof membrane system, and/or made watertight by the end of each day.
- Insulfoam insulations should not be exposed directly to solvent-based or petroleum-based adhesives and sealants.
- Allow approximately a 1/4" space between InsulFoam insulation and vertical surfaces or roof projections. Do not force or jam product into place.
- When used with dark colored membranes, the R-Tech should be installed with the metallic side facing up.
- For re-cover applications, care should be taken to ensure that no moisture is trapped in the existing or new roof system.
- Prior to a re-cover, consideration should be given to adding roof drains, crickets or saddles to facilitate positive drainage.

InsulFoam insulations are compatible with most membrane systems; however, we recommend consultation with the membrane manufacturer for any limitations or approvals for use with their products.

Insulation Specifications

R-Tech	R-Tech FanFold
Mechanically Attached	
1NRM	1NFM

Mechanically Attached Insulation

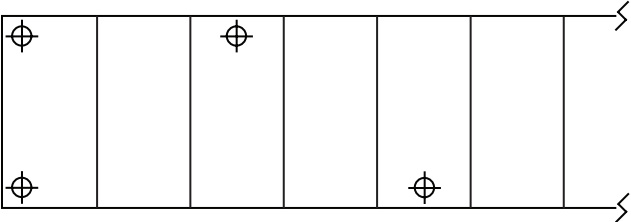
Install R-Tech insulation with continuous side joints, and end joints staggered so they are offset by a minimum of 12" from the end joints in adjacent rows. Insulation should abut tightly against adjacent boards. Joints greater than 1/2" should be filled with the same insulation that is being used in the field of the roof. If R-Tech is being installed over an existing layer of insulation, all joints must be offset a minimum of 6" between layers. Use an approved mechanical fastener of sufficient length to penetrate into or through the deck by the amount prescribed for the specific fastener. Fasteners should never be closer than 6" from the edges of the insulation board, and should be placed in a pattern to achieve the desired approval. Use appropriate insulation plates with the fasteners. Care must be taken to avoid over-driving or under-driving the fastener and plate assembly.

Note: Some membrane manufacturers may require a higher density of fasteners for their warranted systems. Consult the membrane manufacturer for specific requirements.

Re-Cover Specification

Fastening Considerations

The following fastening pattern is just one of several suitable patterns. See note on previous page.



For the above pattern, one fastener is to be placed at each corner of the R-Tech's leading and trailing edges, and thereafter at a rate of one fastener every 12 square feet, placed on alternating sides of the sheet.

