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# TECHNICAL BULLETIN

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### Peel & Stick Membrane Application Guidelines - DOs and DON'Ts

#### DOs

- DO store rolls indoors, in a dry location, protected from the elements, preferably at room temperature.
- DO install only when air, deck and material temperatures are 40 °F and rising. Since peel & stick membranes are activated through *heat and pressure*, it may take some time for a permanent bond to be attained. Full adhesion is achieved after the material goes through a heat cycle.
- DO apply to smooth, clean, dry, void-free surfaces. Wood decking requires a minimum of 24 hours to dry.
- DO ensure proper ventilation of the roof structure, including both ridge and soffit venting.
- DO cut material to suitable, manageable lengths before application.
- DO install first course of material parallel to the eave edge.
- DO apply the material, working from the center of the material continuously to the ends of the sheet [*half of the length of the sheet is the center*]; taking care to avoid wrinkles and ridges. If one course of material becomes misaligned, do not continue to apply courses as this will lead to wrinkles and fishmouths. If any course gets misaligned, start over again.
- DO remove release film following a proven technique or as per one of the two release film removal methods described below. Release film should be pulled back rapidly in a continuous fashion.
- DO remove release film (if present) covering the side lap, prior to adhering the next roll.
- DO ensure that the bottom adhesive side of the membrane does not get stuck to itself. In case this occurs, separate the two layers immediately. After some time, it may become impossible to do so without damaging the material.
- DO roll the *entire* membrane surface, paying special attention to all overlap areas (side laps, end laps, T-Joints) to ensure 100% adhesion.
- DO prime all metal flashings, leads, and eave and rake metal drip edges with roofing cement.
- DO backnail the sheet on slopes greater than 2:12 or as per applicable building code.

#### DON'Ts

- DON'T leave unused material on rooftop overnight.
- DON'T install when any form of moisture (water, ice, snow, rain, dew, etc.) is present. Moisture will affect the adhesive characteristics of the membrane.
- DON'T remove the release film abruptly as this could lead to tearing of the film.
- DON'T forget to roll the membrane overlap areas (side laps, end laps, T-Joints) and the entire sheet.
- DON'T attempt to remove the adhered material *immediately* after application to the substrate.
- DON'T overload rooftop materials such as shingles, tiles, etc. on a small area of the membrane surface. 'Overloading' promotes slippage of membrane and materials.