

EpiStik™ SA-250

PEEL & STICK ROOFING UNDERLAYMENT

EpiStik™ SA-250 Installation Instructions



EpiStik™ SA-250 is an air, water and vapor barrier. Install EpiStik™ SA-250 self adhered underlayment directly on a clean, dry, continuous structural deck. Some suitable deck materials include plywood, wood composition, wood plank, metal, concrete, or gypsum sheathing.

Please follow all local building codes applicable to your job site. A copy of the installation guide should be available at the job site if required by code official.

CAUTION - GOOD SAFETY PRACTICES

As with any roofing product, always follow safe roofing codes & practices (OSHA) and always use and wear fall protection devices when working on roofs. Release liners are slippery and should be removed from the work area immediately after application. Use caution when walking or standing on as slip resistance may vary with surface conditions, weather, footwear, and roof pitch. Failure to use proper safety gear and footwear can result in serious injury.

STORAGE:

1. EpiStik™ SA-250 should be stored at room temperature preferably between 40° F and 90°F, upright in the original cardboard packaging in a dry properly ventilated area. Keep clear from open flames, sparks, harmful substances and inflammable materials.
2. Please only remove rolls from the storage area on the day of the usage.
3. If the recommended temperature range storage area is not available, it is recommended that the material be heated to a minimum temperature of 40°F prior to application.

USE:

EpiStik™ SA-250 must be covered by primary roof covering within 180 days of application. EpiStik™ SA-250 can be used under Asphalt Shingle, Synthetic Shingles, Metal Roofing, Concrete and Clay tiles, Slate, and Cedar Shakes.

PREPARATION:

1. Ensure the deck surface is free of nails, protrusions and other debris that can possibly damage the product; it should have a smooth even surface with no voids and deck should be moisture free. Priming is not required for attaching to wood surfaces when the temperature is above 40°F. Concrete and masonry decks should be primed with a solvent or a water-primer that meets ASTM D41 for asphalt based self-adhesive membranes.
2. For re-roofing projects please replace any water damaged sheathing and clean the roof deck and make sure it is free of dust, dirt and loose nails. Do not install over old roof covering.
3. Please do not use salt for ice removal over the surface.

PRECAUTIONS:

1. EpiStik™ SA-250 is not designed for indefinite outdoor exposure. Final roofing should be installed within 180 days of EpiStik™ SA-250 installation.
2. Depending on roof pitch and surface conditions, blocking is recommended to support roofing materials placed on the roof. Remember to seal the fastener holes that secured the blocking after they have been removed.
3. The primary roof system must be ventilated to prevent excessive moisture build-up in the interior structure.
4. Use caution during the installation of the membrane as it may become slippery when wet or covered with frost.

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APPLICATION:

1. For best results EpiStik™ SA-250 should be installed on a dry deck. Apply EpiStik™ SA-250 underlayment in fair weather when the air, roof deck and membrane are at temperatures of 40°F or higher. Apply roof covering material at temperatures of 40°F or higher.
2. For cold weather application below 40°F a primer should be used and the laps blind nailed. Blind nail with 3/8" head roofing nails of 1" or longer in the 3" overlap area marked with a "+" symbol.
3. For steep slope applications (6:12 or greater) or when installing at temperatures greater than 100°F it is recommended to blind nail the overlap area as instructed above for cold weather applications.
4. EpiStik™ SA-250 is to be laid out horizontally (parallel) to the eave with the printed side up, using 3" horizontal laps and 6" vertical laps. Vertical installation is possible but not recommended. Seek additional guidance should vertical installation be required.
5. Always work from the low point to the high point of the roof. Apply the membrane in valleys before the membrane is applied to the eaves.
6. Cut the membrane into 10–15 ft lengths and reroll loosely. Peel back 1–2 ft of release liner, align the membrane, and continue to peel the release liner from the membrane. Press the membrane in place with heavy hand pressure or a 2" hand held steel roller or walk on all laps or field area as possible to push the adhesive on to the roof deck and overlap. Side laps must be a minimum of 3" and end laps a minimum of 6".
7. For valley and ridge application, peel the release liner, center the sheet over the valley or ridge, drape, and press it in place. Work from the center of the valley or ridge outward in each direction and start at the low point and work up the roof. Weaving a valley is not recommended.
8. For eave application EpiStik™ SA-250 should be applied over the metal drip edge at the eave. Do not fold EpiStik™ SA-250 over the roof edge unless the edge is subsequently covered over by a drop edge or other appropriate flashing material. It is recommended that the EpiStik™ SA-250 extend from the eave up the roof to a point 24" inside the exterior wall. This should be above the maximum ice-dam buildup line in most areas. Consult your local building code for specific requirements.
9. Repair holes, fish mouths, tears, and any other penetration damage to the membrane with a patch of membrane extending passed the damaged area by 6" in all directions. If fasteners are removed leaving holes in the membrane or other penetrations are accidentally produced, they must also be patched.
10. Do not install fasteners through membrane over any unsupported areas of the structural deck, such as over joints between adjacent structural panels.
11. For high elevation, high wind or wind driven rain potential we recommended that you cover the entire roof deck with EpiStik™ SA-250.
12. EpiStik™ SA-250 must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.

References:

- a. Roofing practices per OSHA 29CFR
- b. Fall Protection per OSHA 1926.502
- c. Applicable State & Local building codes



For more information visit our website at www.epiplay.com or
Contact our Marketing Dept. at sales@epiplay.com