



PlyStik™ Plus

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PEEL & STICK ROOFING UNDERLAYMENT



Plystik™ Plus Installation Instructions

Epilay Plystik™ Plus is an air, water and vapor barrier. Install PlyStik™ Plus Peel & Stick 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 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. Plystik™ Plus 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:

Plystik™ Plus must be covered by primary roof covering within 180 days of application.

Plystik™ Plus can be used under, Asphalt Shingles, 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 based primer that meets ASTM D41 for asphalt based self-adhesive membranes.
3. 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.
4. Please do not use salt for ice removal over the surface.

PRECAUTIONS:

1. Plystik™ Plus is not designed for indefinite outdoor exposure. Final roofing should be installed within 180 days of PlyStik™ Plus 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. Protect completed roof areas to avoid damage during roof installation and material transportation by installing protective boardwalks to enable passage of people, equipment and products.
4. Be careful not to load too much material on the roof deck in one area. Distribute the weight over structural supports where possible.

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



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APPLICATION:

1. For best results Plystik™ Plus should be installed on a dry deck. Apply Plystik™ Plus 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 applications 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. Plystik™ Plus is to be laid out horizontally (parallel) to the eave with the printed side up, using 3" horizontal laps and 6" vertical laps.
5. Plystik Plus may also be installed vertically. For vertical installation anchor with 3/8" head roofing nails along the upper most edge 3 inches down with 6 equally spaced nails across the 36" width. Ensure roofing nails are perpendicular to the roof deck so that the head lays flat and seals well to the top surface of PlyStik™ Plus. Vertical overlaps must be minimum 6" and horizontal laps must be minimum 3".
6. 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.
7. 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 and as much of the field area as possible to push the adhesive onto the roof deck and overlap. Side laps must be a minimum of 3" and end laps a minimum of 6".
8. 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.
9. For eave application Plystik™ Plus should be applied over the metal drip edge at the eave. Do not fold Plystik™ Plus over the roof edge unless the edge is subsequently covered over by a drip edge or other flashing material. It is recommended that Plystik™ Plus 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.
10. Repair holes, fish mouths, tears, and any other penetration damage to the membrane with a round 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.
11. Do not install fasteners through membrane over any unsupported areas of the structural deck, such as over joints between adjacent structural panels.
12. For high elevation, high wind or wind driven rain we recommended that you cover the entire roof deck with Plystik Plus.

References:

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

