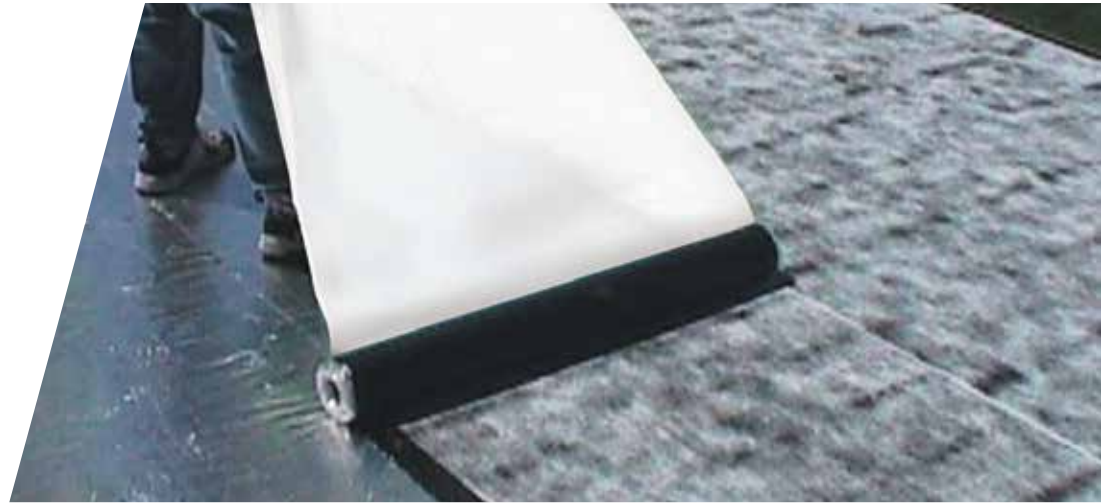




RAINPROOF-40™ & RAINPROOF-60™

High Performance Roof Underlayment



For minimum
2"/12" Roof Pitches

RAINPROOF HIGH PERFORMANCE ROOF UNDERLAYMENT is a 40 mil. or 60 mil. thick, peel and stick, SBS modified, rubberized asphalt sheet waterproofing underlayment. The membrane is internally reinforced with a strong non-woven polyester fabric. **Rainproof** has a white reflective top-ping for added footing safety, to assist in heat reduction on the roof deck and for short-term UV protection. The bottom of the sheet has a removable release film for ease of application. **Rainproof** is specifically manufactured for use on both steep slope and low sloped roof assemblies. Low sloped roof with a pitch of 2:12 or greater.

**10 Year Limited
Warranty**

SUBSTRATE:

Rainproof can be installed on any exterior grade sheathing approved for use as roof decking. **Rainproof** is designed to work on roof pitches from 2:12 pitch and greater. Care should be taken that all sawdust, dirt and other foreign matter be removed prior to the application of **Rainproof**. The deck should be clean, dry and free of gaps and sharp edges before the application of the membrane. If the deck cannot be cleaned to a like new condition or the deck is damp or below 40° F, Protecto Wrap #80 Primer or Universal Water Based Primer should be used prior to the application of the membrane.

Note: It is the installer's responsibility to ensure that they review all local and state building code requirements related to approved installation methods.

APPLICATION:

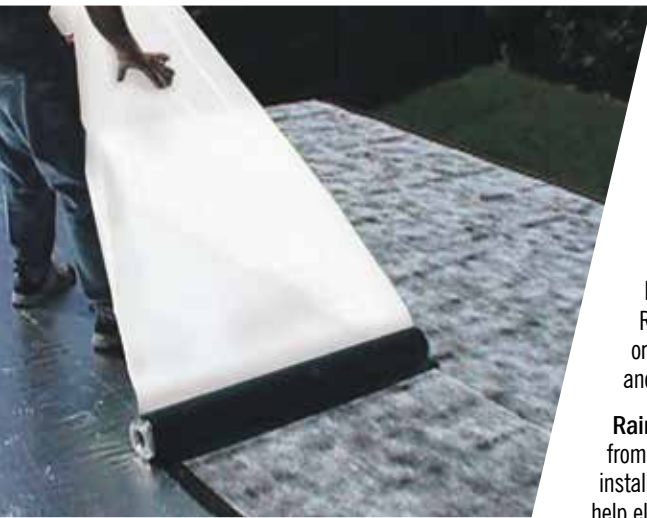
Nail all metal flashings along and directly on top of the sheathing. There are three recommended installation techniques for applying **Rainproof High Performance Roof Underlayment**. One procedure is to roll or kick the membrane out across the deck with the white side up and the release film facing down. Position the roll into the desired location by sliding the membrane over the deck, then pull the material tight from each end.

Rainproof offers a unique 2-1/2" zip strip on the edges of the bottom release film. The zip strip allows you to remove only 2-1/2" of the release film prior to removing the whole release backing. This allows you to align the overlaps, position the sheet, even remove and reposition the membrane in case of error without struggling with the entire peel and stick adhesive backing.



FEATURES & BENEFITS

- Rainproof is self sealing and forms a positive seal around nails and screws
- Used beneath shakes, shingles, tile, metal panels and slate roofs
- Polyester reinforced for added strength and longevity
- Reflective white topping adds to footing safety
- Split plastic release liner for quick and easy installation
- Excellent adhesion with polyurethane foam systems
- In-service temperature up to 250° F
- Approved for use in High Velocity Hurricane Zones



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APPLICATION:

Once positioned along the eave, or aligned on the overlap of the preceding roll, lift one end of the membrane and remove or strip the remaining release film out from under the sheet pulling it to one side. Replace the end of the membrane onto the deck and smooth exposed adhesive bottom into place. Pull or strip the remaining release film out from under the membrane by pulling the film low to the deck while another person brooms the sheet flat.

Rainproof can be installed horizontally from the low point of the roof deck in a shingling manner or vertically from the eave. Vertical application or strapping of the roof with **Rainproof** is acceptable and may assist in the installation of the waterproofing membrane on high pitch roofs and on high elevations. This procedure can also help eliminate oil canning in metal roof panels. All end laps must be applied in a manner so as to shed water down the slope when applying **Rainproof** vertically.

Another accepted procedure is to pull off 12" to 24" of the full width of the release film and align the roll into the desired position. Press the exposed adhesive bottom firmly onto the roof deck. Begin pulling off the release film while walking backwards. The **Rainproof** roll will follow across the deck as the release film is removed. The membrane should be rolled or broomed as the bottom adhesive comes into contact with the deck to insure full adhesion to the substrate and to minimize entrapping air beneath the sheet.

The **Rainproof** should be trimmed flush to the outer edge of all flashing metal. Roll the membrane firmly on top of all flashing metal to gain maximum surface contact to all edges of the roof. If the membrane is damaged or requires repairing, clean the area and lightly prime the membrane with #80 Primer or Universal Water Based Primer at least 6" beyond the damaged area. Cut a membrane patch and roll firmly. A trowel bead of JS160H SBS Mastic or JS160WB Mastic should be applied to edges of patch.

LAPS:

Overlaps are 2" minimum and end laps are 6" minimum. All laps should be firmly pressed or rolled to insure a positive seal.

VALLEYS:

Use a minimum 18" roll of **Rainproof** centered down the full length of the valley. When using non-preformed or roll valley metal, secure to the 18" valley membrane per code. Overlap the field **Rainproof** over the valley metal or cut the material to the center line of the valley. When using preformed valley metal, place over the valley underlayment and secure per roof material (tile, metal, shingles, etc.) manufacturer's specifications

STACKS:

Stacks and openings in the roof should be detailed in accordance with local building codes and the National Tile Roofing Manufacturer's Association guidelines.

FASTENERS:

Nails or screws can be used to fasten the roof tile, shingles or metal roof system through the membrane. **Rainproof** is self sealing around the fasteners. **Rainproof** is fully self adhering to the roof deck and does not require fasteners to hold the membrane in place.

PLASTIC ROOF CEMENT:

It is not necessary to use plastic roof cement in conjunction with **Rainproof** at end laps, metal flashing edges, around fasteners or battens. Plastic roof cement is not compatible with and will not adhere to **Rainproof**. Where

mastic is necessary (patches, etc.), use an acceptable SBS mastic (JS160H SBS Mastic).

UV EXPOSURE:

Rainproof has a reflective fabric on the face for footing safety and added UV stability. **Rainproof** can be left exposed for up to 6 months.

STORAGE:

Rainproof should be stored in a dry, well-ventilated area out of direct sunlight between 50° F and 90° F. Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.

RE-ROOFING:

When re-roofing over existing **Rainproof**, it is not necessary to remove the original layer of **Rainproof** underlayment. Make sure the existing membrane is tight to the deck and the deck is clean, dry and free of any sharp or foreign materials. Any loose membrane should be removed. Apply the second layer of **Rainproof** per above application instructions.

CODE EVALUATIONS:

- Florida Product Approval 17155
- Florida Product Approval 41542 - Approved for use in High Velocity Hurricane Zones
- IAPMO ER-0390
- Meets or exceeds ASTM D1970 standards

For warranty and additional information, please contact your Protecto Wrap Company Representative.

TECHNICAL PROPERTIES

PROPERTIES	RAINPROOF-40	RAINPROOF-60
Color	White top, black bottom	White top, black bottom
Thickness	40 mils ± 5	60 mils ± 5
Tensile Strength (reinforcing only)	1400 psi	1400 psi ASTM D882-A
Elongation, Ultimate Failure of SBS Mass	500% min.	500% min. ASTM D412
Pliability	Pass	Pass ASTM D1 46-78A
Roll Size	36" x 67' (201 SF/RL)	36" x 50' (150 SF/RL)

DISCLAIMER: The Product Technical Data set forth above should not be construed so as to create any type of express or implied warranty in products sold by Protecto Wrap Company. The technical figures are merely average test values.



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