



Premium Building Products
That Protect

Rainproof-40/ Rainproof-60 High Performance Roof Underlayment

For minimum 2"/12" Roof Pitches

DESCRIPTION:

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 topping 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 application on low pitched roofs (down to 2"/12" roof pitches).

2. SUBSTRATE

Rainproof can be installed on any exterior grade solid sheathing normally used for roof decking down to 2"/12" roof pitches. 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 new plywood surface or the deck is damp or below 40°F, Protecto Wrap #80 Primer should be used prior to the application of the membrane.

3. 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 2½" zip strip on the edges of the bottom release film. The zip strip allows you to remove only 2½" of the release film prior to removing the whole release backing. This allows you to align the over-



laps, position the sheet, even remove and reposition the membrane in case of error without struggling with the entire peel and stick adhesive backing.

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 at least 6" beyond the damaged area. Cut a membrane patch and roll firmly. A trowel bead of JS160H SBS Mastic should be applied to edges of patch.

4. LAPS

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

5. 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.

6. 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.

7. 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.

8. PLASTIC ROOF CEMENT

It is not necessary to use plastic roof cement in conjunction with Rainproof High Performance Underlayment 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).

9. 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 90 days.

10. 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.

11. 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.

12. TECHNICAL PROPERTIES / SPECIFICATION

	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 p.s.i.	1400 p.s.i.	ASTM D882-A
Elongation, ultimate			
Failure of SBS mass:	500% min.	500% min.	ASTM D412
Pliability:	Pass	Pass	ASTM D146-78A
Roll Size:	36" x 75' (225 SF/RL)	36" x 50' (150.00 SF/RL)	

13. CODE EVALUATIONS

ICC Evaluation Service ESR 1557

Miami-Dade County Product Control Approved #06-0605.01

Copies of individual test results are available upon request.

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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