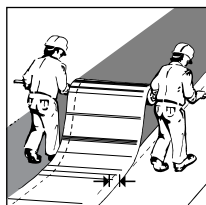


Preprufe® Waterproofing Membranes

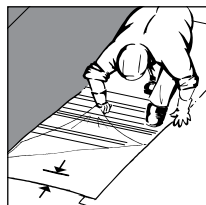
For complete application instructions refer to the technical data sheet for Preprufe found at graceconstruction.com.



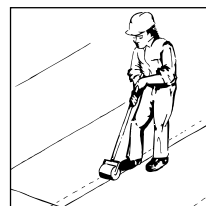
(1) Clean surface



(2) Apply membrane



(3) Remove liner



(4) Roll laps

1. Prepare Substrate

- Substrates must be sound and solid to eliminate movement during the concrete pour.
- Substrates must be regular and smooth with no gaps or voids greater than 0.5 in. (13 mm).
- Substrates must be free of loose aggregate and sharp protrusions. (Picture 1)
- Surface does not need to be dry, but standing water must be removed.
- Applications may require the use of Hydroduct Drainage Composite or plywood to provide a suitable substrate over the soil retention system.

2. Horizontal Application

- Apply Preprufe membrane with the HDPE film side facing the prepared substrate and the treated white coating surface facing the concrete to be poured. (Picture 2)
- Overlap succeeding sheets by a minimum of 3 in. (75 mm).
- Remove release liner. (Picture 3)
- Roll side lap. (Picture 4)
- Overlap ends of membrane a minimum of 3 in. (75 mm).
- Center Preprufe Tape over end laps and roll firmly. (Refer to Detail Drawings #31 & #32)

- For vertical and horizontal applications in cool temperatures or damp conditions, gently warm side laps or use Preprufe Tape LT.

3. Vertical Application

- Apply Preprufe membrane in a convenient length with HDPE film side facing the prepared substrate.
- Fasten to substrate along the top edge with large head nails, roofing nails or staples. Top termination should be secured with termination bar and fasteners.
- For lengths greater than 8 ft (2.4 m), additional fastening at 2 ft (0.6 m) intervals along the uncoated edge prior to making the side lap is recommended. (Picture 6)
- Roll side lap.
- Overlap ends of membrane a minimum of 3 in. (75 mm).
- Center Preprufe Tape over end laps and roll firmly. If top termination is to be covered with concrete, a strip of tape should also be centered over the termination bar. (Refer to Detail Drawing #48 on page 136)
- Remove release liner.

4. Visual Work Inspection

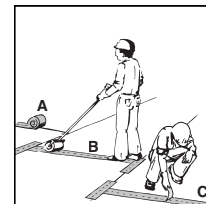
- Inspect the membrane for damage before placing of reinforcing steel, formwork and concrete.
- Repair slices and small punctures which are less than 0.5 in. (13 mm) by applying Preprufe Tape over the damages area and roll firmly.
- Repair holes and punctures greater than 0.5 in. (13 mm) by

applying a patch of Preprufe membrane to extend 6 in. (150 mm) beyond the damaged area. Seal the terminations of the patch with Preprufe Tape.

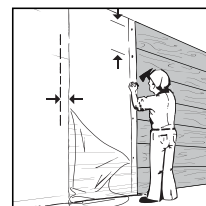
- Ensure plastic release liner is removed from all areas of Preprufe membrane and tape.

5. Concrete Placement

- Cast concrete within 56 days (42 days in hot climates) of application of the membrane.
- Concrete must be placed carefully to avoid damage to the membrane.
- For shotcrete placement, contact your local Grace sales representative.



(5) Tape end laps



(6) Fasten to substrate