

**GSPPro****Ice & Water Protection**
Self-Adhered Shingle Underlayment

Installation Instructions and Recommendations for the GSPPro Ice & Water product line

TopShield® GSPPro Ice & Water products should always be stored, installed and otherwise used in accordance with good roofing practices and all applicable building and safety codes.

Prior to installation, the roof deck must be clean and free from any moisture, ice, dust, loose nails, protrusions, voids, and other debris.

- Installation over wet or frozen substrates may result in moisture migration causing buckles in the membrane. These events will normally be observed at the joints of the substrate and may telegraph through to the roof covering if corrective actions are not taken.

For proper adhesion, apply only when the air, deck and material temperature is 40°F or higher.

- Rolls stored outside on cold nights may still be too cold for application at their cores even at midday.

For applications where the air, deck or material temperature is below 40°F, use nails to mechanically fasten until fully adhered.

Primer is recommended on all non-wood surfaces (including concrete, Polyisocyanurate insulation, and masonry) prior to installation.

Screw plates or other acceptable fasteners are recommended at the roof perimeters and endlaps when adhering directly to Polyisocyanurate Insulation. For prolonged exposure during cooler weather or coastal applications, additional screw plates/ fasteners may be needed.

Immediately fastening TopShield® GSPPro Ice & Water as it is rolled out is unacceptable and may result in mole runs and buckles.

- Allow the underlayment to completely relax before fastening.
- During cold weather application it is recommended that material be cut into smaller sections and placed in the sun to allow the membrane to warm up. The warmer the membrane before application the faster the membrane will relax.
- Material must be rolled in place with a weighted roller to ensure positive contact with roof surface.

Always install from the lowest point on the roof deck.



GSPPro

Ice & Water Protection

Self-Adhered Shingle Underlayment

Installation Instructions and Recommendations for the GSPPro Ice & Water product line

TopShield® GSPPro Ice & Water products should be installed in straight lines

For valley or ridge applications, cut product to a manageable length, center the product over the valley or ridge and apply pressure first to the middle and work towards the outside edges.

For most applications, side laps must be a minimum of 3 inches, end laps a minimum of 6 inches and drip edges a 3/8 inch minimum. At end laps and other sheet to sheet applications, the use of high quality trowel grade SBS mastic is recommended. Good roofing practices may require increased minimums for certain applications.

- End laps on **TopShield® GSPPro Ice & Water must** be sealed down with a minimum 1/8" layer of SBS mastic. Failure to do so may result in infiltration of wind blown rain or material blow off.

This product is a moisture/vapor barrier. Prior to installation, ensure that the roof system provides adequate ventilation to prevent moisture build up in the interior structure.

Use extreme caution during installation. Do not walk or crawl on product unless dry, as it may become slippery when exposed to moisture.

Do not lay rolls on their sides.

TopShield® GSPPro Ice & Water product roll should remain in manufacturer's packaging until use and stored, under cover, at temperatures suitable for application.



Scan the QR code
to access additional
information