

INSTALLATION INSTRUCTIONS

1. PURPOSE AND SCOPE

This manual provides general guidelines for the proper storage, handling, and installation of Tech Weave roofing underlayment prior to the installation of the final roof covering. These instructions are intended to ensure compliance with applicable building codes and to promote safe and effective installation practices. For use in FLORIDA, underlayment must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.

2. PRODUCT DESCRIPTION

Tech Weave roofing underlayment is a water-resistive barrier and ice barrier installed over the roof deck and beneath the primary roof covering. It provides temporary weather protection and enhances the overall performance of the roofing system.

3. STORAGE AND HANDLING

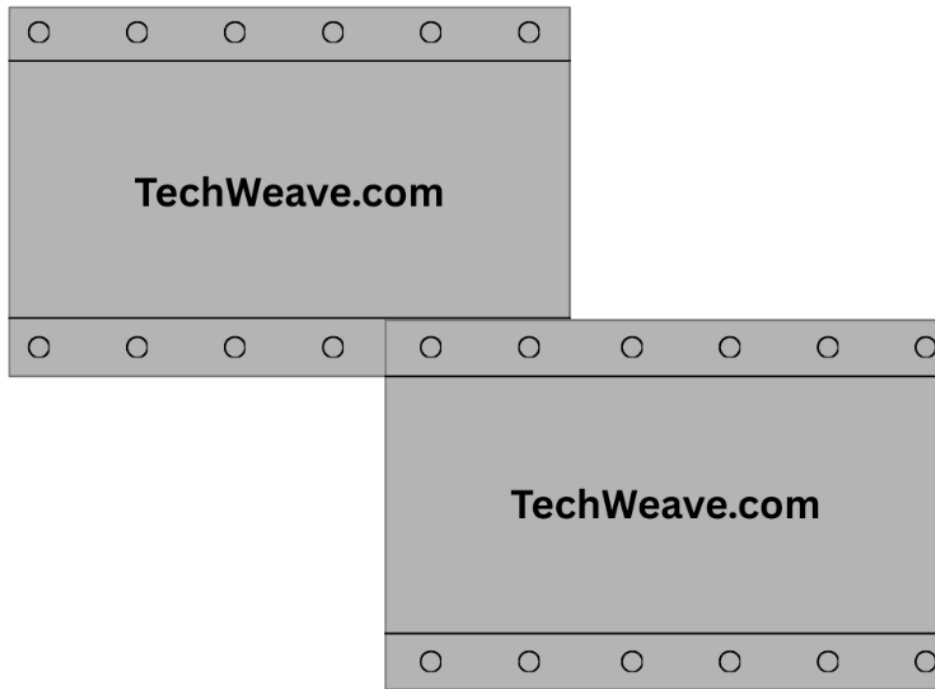
- Store underlayment rolls in a clean, dry, and well-ventilated area.
- Protect materials from direct sunlight, moisture, and physical damage prior to installation.
- Do not store materials for extended periods in extreme temperatures.

4. ROOF DECK PREPARATION

Tech Weave Synthetic Roof Underlayment should be applied to a properly prepared dry deck that is smooth, clean and free from any depressions, projections, or protruding nails. Acceptable roof deck materials for application are minimum nominal 3/8 in. thick code compliant exterior grade plywood. The roof deck or substrate shall be properly fastened, structurally sound, and suitable to receive the underlayment. Prior to installation, the deck shall be inspected to confirm it is free from significant delamination, warpage, bowing, or separation from rafters, trusses, or other supporting structural members, and that the surface is clean, smooth, and free of debris. Tech Weave roofing underlayment is designed for use under metal and asphalt shingle roofing only and must be covered within 90 days of application. Always follow safe roofing practices and OSHA safety requirements. Florida Product Approval requirements, and all governing building codes. Compliance with local jurisdictional requirements shall be verified by the installer. The installer is solely responsible for determining jobsite conditions, substrate suitability, and code compliance. Tech Weave assumes no responsibility for improper installation, substrate deficiencies, or failure to follow applicable 4" 6" Fig:1 Minimum fastening locations for same day coverage using roofing nails, pneumatic nail guns or cap nails codes, standards, or installation instructions, which may affect product performance and warranty coverage. Failure to use proper safety equipment and footwear can result in serious injury.



**Fig:1 Minimum fastening locations for same day coverage
using roofing nails, pneumatic nail guns or cap nails**



5. INSTALLATION INSTRUCTIONS

The underlayment's is laid with the print side up, without wrinkles. Properly integrate underlayment with flashings at roof penetrations, valleys, ridges, hips, eaves, and rakes. If the roof will not be covered with asphalt shingles on the same day, Tech Weave Roof underlayment must be attached to the roof deck using plastic or steel cap fasteners having a minimum 1-inch diameter cap. Roofing nails and pneumatic nail guns may be used for same day installations for all slopes. Staples may be used for same day installations on slopes 2:12 to 12:12. All fasteners should be driven straight and flush with the surface. Consult local building codes for fastener type and spacing requirements. Install underlayment horizontally (parallel to the eave), beginning at the lowest point of the roof and progressing upward. Horizontal Overlaps minimum 4" and vertical Overlaps minimum 6" as per fig.1 for $\leq 4:12$ slope and vertical Overlaps minimum 19" for remaining $>4:12$ slopes or in accordance with applicable code requirements. For ice barrier two layers of the roofing underlayment solidly cemented together used to provide the ice barrier extends up the roof a minimum distance of 24 inches inside the exterior wall line of the building. For use in FLORIDA, underlayment must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.

6. EXPOSURE LIMITATIONS

Roofing underlayment is intended for temporary exposure only. The underlayment shall not be left exposed for more than 90 days without the installation of the final roof covering. If the exposure period exceeds 90 days, the underlayment must be inspected and replaced as necessary before installing the roof covering.



7. SAFETY PRECAUTIONS

- All roofing work shall be performed in accordance with OSHA regulations and applicable local building and safety codes.
- Exercise caution when walking or standing on Tech Weave roofing underlayment.
- Jobsite conditions such as moisture, dust, snow, ice, or debris may affect surface traction.
- Appropriate personal protective equipment (PPE), fall protection, and suitable footwear shall be used at all times.

8. LIMITATIONS AND DISCLAIMER

This manual provides general installation guidance only. Local building codes, project specifications, and Tech Weave manufacturer instructions shall take precedence where conflicts occur. The installer is responsible for ensuring compliance with all applicable codes and regulations.

9. CONTACT INFORMATION

For additional information, technical support, warranty terms, or clarification regarding installation requirements, please contact Tech Weave or an authorized Tech Weave representative.

