

TRI-BUILT® Spec Grade Roofing Underlayment

TRI-BUILT® Spec Grade is a 100% synthetic woven roof underlayment offering high tear strengths, a proprietary walking surface and most important a green solution to today's ecological building technology. TRI-BUILT® Spec Grade is the GREEN answer to #15 asphaltic felt paper.

- Manufactured from post industrial recycled materials.
- 100% recyclable eliminating job site scrap.
- 2.5 times lighter than #15 felt.
- 25 times stronger than #15 felt - no job site blow offs.
- 25 year warranty to shed water.
- UV resistant and can be exposed for up to 6 months.
- 10 square rolls - fewer rolls to carry on the roof.
- Pre-printed nailing pattern and overlap lines speeds installation.

Product Specification		Test Method
Roll Width	48 in.	
Roll Length	250 ft.	
Weight Per Square	2.0 lbs	
Nominal Thickness	7 Mils	ASTM D-1777
Water Transmission	Pass	ASTM D-4869
Tensile Strength		ASTM D-828
	MD 57 lbs	
	CD 57 lbs	
Tear Strength		ASTM D-4533
	MD 36 lbs	
	CD 36 lbs	
Pliability	Pass	ASTM D-226
Water Ponding	Pass	ASTM D-779

TRI-BUILT® Spec Grade		15# Felt Paper
Composite Material	100% Polypropylene	Asphalt
Weight Per Roll	20 lbs	45 lbs
UV-Resistant	YES – Up to 6 months	No
Anti-Slip Surface	YES – Using advanced technology	No
Tear-Resistant	YES – 25x that of 15# Felt	No
Warranty	YES – 25 Years	No
Class A Fire Rated	YES – Offering better roof protection	No
Pre-Printed Nailing Pattern	YES	No
Roll Length	250 lineal feet	144 lineal feet
Roll Width	48 in.	36 in.



1. Please insure the roof deck is clean, smooth, and dry prior to beginning installation.
2. TRI-BUILT® Spec Grade is laid out horizontally (parallel) to the eave with the printed side up, with 3" (76mm) horizontal laps and 6" (152 mm) vertical laps. On roof slopes less than 3:12, TRI-BUILT SPEC GRADE should be lapped at 24" (61 cm) or to center line as printed, over the underlying course.
3. TRI-BUILT® Spec Grade should be attached to the roofing using plastic cap roofing nails or plastic cap roofing staples having a 1 (25mm) diameter plastic cap. Spacing should be at 6" (15cm) on center at both horizontal and vertical caps for normal wind zones or high wind zones and coastal areas. In all cases fasten at 12" (30 cm) from end laps of the roll in the field of the roof. The pre-printed nail pattern spacing described above applies to normal as well as high wind conditions.
4. The use of staples, 3/8" head diameter EG smooth shank roofing nails or 12 gauge corrosion resistant ring shank nail having a 1" diameter cap or ting tag to attach TRI-BUILT® Spec Grade is permitted only when the final roof covering is to be installed within twenty four hours. Pneumatic staple guns are not recommended.
5. Where seams and joints require the use of sealant or adhesives, use a high quality, low solvent, asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1, Federal Spec SS-153 Type 1 and consult manufacturer's installation instructions.
6. Depending on roof pitch and surface conditions, it is recommended that the roofing jacks, toe-boards or a storage platform be secured to support roofing materials placed on roof.
7. TRI-BUILT® Spec Grade is not designed for indefinite outdoor exposure, and it is recommended that installation of the final roof covering take place within 6 months.
8. As with any roofing product, always be careful to observe safe roofing codes and practices as the OSHA Regulation Standard – 29CFR and Fall Protection Systems Criteria and Practices – 1926.502.