TRI-BUILT® CONTRACTOR GRADE 15

SYNTHETIC ROOFING UNDERLAYMENT / 15 LB. FELT REPLACEMENT

NOW YOU HAVE A CHOICE -

TRI-BUILT® CONTRACTOR GRADE 15 is the best synthetic underlayment to bridge the value added performance of synthetic underlayment with the cost of #15 roofing felt.

TRI-BUILT® CONTRACTOR GRADE 15 provides the synthetic features you demand for fast and simple installation and robust performance under asphalt shingle roofing. Manufactured from 100% synthetic materials, TRI-BUILT® CONTRACTOR GRADE 15 is the engineered solution that finally offers the performance you need, at a price competitive with #15 felt.

Faster installation, better installed performance, a 20-year limited warranty and full-color Broadcast® custom printed advertising makes TRI-BUILT® CONTRACTOR GRADE 15 the right choice for your next job.

STRONGER: TRI-BUILT® CONTRACTOR GRADE 15 is 25 times stronger than #15 felt.

RELIABLE FOOTING: Fiber surface provides a consistently performing walking surface.

COOL GRAY: TRI-BUILT® CONTRACTOR GRADE 15 is engineered to reduce heat build-up on hot days.

IMPROVED HANDLING: Less weight per roll makes TRI-BUILT® CONTRACTOR GRADE 15 easier to handle during all stages of installation.

SIMPLE TO APPLY: TRI-BUILT® CONTRACTOR GRADE 15 installs quickly, easily and has 17% more coverage per course than a standard roll of #15 felt.

BETTER INSTALLED PERFORMANCE: TRI-BUILT® CONTRACTOR GRADE 15 maintains superior lay-flat properties and water resistance.

RELIABLE: Unlike felt, TRI-BUILT® CONTRACTOR GRADE 15 is highly water-repellent, keeping TRI-BUILT® CONTRACTOR GRADE 15 from warping, wrinkling and cracking in cold weather.

UV PERFORMANCE: TRI-BUILT® CONTRACTOR GRADE 15 is engineered to have enhanced UV protection.

APPROVED FASTENERS: Standard Roofing Nails, 1″ Capped Roofing Nails, 1″ Capped Staples.

PROPERTY	STANDARD	UOM	TYPICAL RESULT[1]
Water Vapor Permeance	ASTM E 96, Method A	Perms	0.1
Water Transmission	ASTM D 4869	Pass/Fail	Pass
Tear Strength (MD/CD)	ASTM D 4533	lbs	35/35
Tensile Strength (MD/CD)	ASTM D 751	lbs	92/90
Burst Strength	ASTM D 751	psi	160
Elongation	ASTM D 751	%	20
Basis Weight	ASTM D 5261	lbs/square	1.92
Nominal Thickness	ASTM D 1117	mils (0.001")	7 Mil
Temperature Range	Internal		-70 °F to 240 °F

(1) Results reflect typical properties of control/non-conditioned specimens.
Values should not be interpretted as limiting specifications and will vary within typical manufacturing tolerances.

SPECIFICATIONS

Roll Dimensions: 40″ X 300' (1.05m x 91m)
Weight Per Roll: 20 lbs (9.1 kg)
Rolls Per Pallet: 56

CODE AND STANDARD COMPLIANCE

ASTM D 226

Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing

ASTM D 4869

Standard Specification for Asphalt-Saturated Organic Felt

CSA A 123.3

Asphalt Saturated Organic Roofing Felt

TEXAS DEPT. OF INSURANCE (TDI)

FLORIDA BUILDING CODE (FBC) Approval: FL# 17873

For updated compliance and certifications, please visit www.tribuiltmaterialsgroup.com

FULL COLOR: A full range of vivid colors.

MAXIMUM-SIZE: The largest printing area available.

ALTERNATING MESSAGES & IMAGES: Select multiple messages for your roofing underlayment.

FLEXIBLE ORDER SIZE: Industry's smallest custom print minimums.

ONLINE CUSTOM PRINT DESIGNS: Create your own designs on line with WrapLab, located at https://tribuilt.customprintwrap.com.

WARRANTY

A 20-year limited warranty applies to TRI-BUILT® Contractor Grade15 synthetic roofing underlayment. Please contact TRI-BUILT® MATERIALS GROUP, LLC for details. No warranty, express or implied, is given as to the merchantability, fitness for particular purpose, or otherwise for applications outside the scope of the installation guidelines.

TRI-BUILT® MATERIALS GROUP, LLC

CODE AND STANDARD COMPLIANCE INSTALLATION GUIDELINES
- ICC-ES AC188 (ESR-1293)
- ASTM D226 Type I & II
- ASTM D4869 • CSA A 123.3 Type 1 & 2
- FBC #8700-R2
- Texas Dept. of Insurance (TDI)

BEFORE INSTALLING TRI-BUILT® Contractor Grade 15
Ensure the roof deck or substrate is properly fastened, has no significant delamination, warpage, bowing or separation from the rafters, trusses or support structures and is free of debris, clean and smooth before the underlayment is applied.

TRI-BUILT® Contractor Grade 15 shall be installed using compatible materials and conform to best building practices. Verify the application is compliant with applicable building codes. As with all roofing materials, always observe safe roofing practices (OSHA) and local building and safety codes. Use caution when walking or standing on TRI-BUILT® Contractor Grade 15. Moisture, dust, snow, ice, debris and other jobsite conditions may change the coefficient of friction of TRI-BUILT® Contractor Grade 15. Failure to use proper safety equipment and footwear can result in serious injury or death.

INSTALLATION - GENERAL
Fastening methods and materials should conform to best building practices and local jobsite conditions. Verify final application to be compliant with the requirements of applicable building codes.

Verify compatibility according to geographical region, structure type and roof specification with applicable building codes and/or by review of a building professional.

Install TRI-BUILT® Contractor Grade 15 print side up, horizontal (parallel) to the eave, with minimum 3 inch (76 mm) horizontal laps and 6 inch (152 mm) vertical laps. Overlaps shall run with the flow of water in a shingling fashion.

Minimum finished roof slope is 2:12 (17%). For roof slopes greater than 2:12 (17%) and less than 4:12 (33%), laps shall be increased to 22 inches (560 mm).

In jurisdictions where the use of TRI-BUILT® Contractor Grade 15 in valley applications is permitted by local building codes TRI-BUILT® Materials Group, LLC recommends that TRI-BUILT® Contractor Grade 15 be applied as valley liner in accordance with applicable building codes and industry standards/guidelines. Woven or closed-cut valleys are not recommended.

INSTALLATION GUIDELINES

24-HOUR EXPOSURE
For short-term exposure (less than 24 hours before the primary roof installation is completed) without exposure to precipitation or high wind (any signs of underlayment uplifting), corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches may be used to nominally attach the underlayment only as necessary to prevent distortion around fasteners in high traffic areas. The final roof covering will permanently affix the underlayment in place. Fasteners shall not be under or over driven.

EXTENDED EXPOSURE (Up to 60 Days)
Fasteners shall be installed at every other printed fastening mark for standard application and at every location for high wind application (unless instructed differently by TRI-BUILT® Materials Group, LLC letter or technical bulletin) with either corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches or plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

FOR ALL ROOF SLOPES GREATER THAN 8:12 (67%)
Fasteners shall be installed at the printed fastening marks labeled with plastic capped roofing nails or staples with a minimum plastic cap diameter of 1-inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

Applications that are not immediately covered (within 24 hours) by the primary roof covering or are subject to basic wind speeds (fastest mile) in excess of 90 miles per hour (145 km/hour, Uniform Building Code) or basic wind speeds (3-second gust) in excess of 110 miles per hour (177 km/hour, International Residential Code and International Building Code) shall be fastened at the printed fastening marks with plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven. Additionally, it is recommended that pressure sensitive seam tape, caulk or sealant material be applied between laps before fastening to prevent moisture ingress in areas of high wind.

In all applications, extend TRI-BUILT® Contractor Grade 15 one-inch past gable/rake edge, turn down over edge, fasten approximately 4-inches on center and cover with code-compliant flashing prior to the installation of the final roof covering.

REPAIRS
Repair damage to the underlayment with caulk or sealant material maintaining a water-tight seal around the damaged area and proper overlaps to run with the flow of water in a shingling fashion. Ensure any incorrectly applied fasteners are caulked and/or sealed to prevent possible moisture ingress.

PRECAUTIONS
TRI-BUILT® Contractor Grade 15 can be exposed to ultraviolet conditions for up to 60 days. Severe weather and/or local jobsite conditions may require a shorter exposure period. Please contact TRI-BUILT® Materials Group, LLC for further information.

TRI-BUILT® Contractor Grade 15 is not designed to function as the primary roof covering and is intended to function as a secondary water shedding layer under code-compliant exterior roof claddings. Verify final application to be compliant with applicable building codes.

A 20-YEAR LIMITED WARRANTY APPLIES TO TRI-BUILT® CONTRACTOR GRADE 15. NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS GIVEN AS TO THE MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE FOR APPLICATIONS OUTSIDE THE SCOPE OF THESE INSTALLATION GUIDELINES AND THE PUBLISHED 20-YEAR LIMITED WARRANTY