

TRI-BUILT® Self-Adhered APP Cap

Product Description

TRI-BUILT® Self-Adhered APP Cap membranes are premium, self-adhered plastomeric roofing products, manufactured using patented Dual-Compound Self-Adhesive technology, whereby a “true” APP polymer modified asphalt compound is applied on the top layer and an aggressive self-adhesive compound is applied on the bottom layer. TRI-BUILT® Self-Adhered APP Cap membranes are built with a high performance reinforced polyester mat to guarantee excellent dimensional stability.

TRI-BUILT® Self-Adhered APP Cap membranes are finished with granules on the top surface and feature patented FASTLap® for granule free roll ends, as well as SEALLap®, a factory applied adhesive treatment at the membrane overlap. Each of these patented features provide for greater ease of application as well as improved product performance.

Uses

- Designed for applications where using a propane torch is undesirable or prohibited
- Applications include new construction, re-roofing and BUR repair installation
- As a flashing membrane in all applicable specifications

Features and Benefits

- Excellent long-term adhesion and application to multiple substrates and base plies
- Exceptional physical properties and long-term weathering performance
- UV stabilized long lasting granule surfacing in multiple colors

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, typical, mm (mils)	3.5 (140)
ASTM D5147	Peak Load @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min, kN/m (lbf/in.)	8.8 (50)
ASTM D5147	Elongation @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min (%)	23
ASTM D5147	Tear Strength @ 23+/-2°C (73.4+/-3.6°F), min, N (lbf)	311 (70)
ASTM D5147	Low Temperature Flexibility, max, °C (°F)	0 (32)
ASTM D5147	Granule Embedment, max, g	2
ASTM D1970	Adhesion to Plywood @ 40°F, min, lbf/ft width	2.0
ASTM D1970	Adhesion to Plywood @ 75°F, min, lbf/ft width	12.0
ASTM D1970	Sealability around nail	pass
ASTM D1970	Waterproof integrity after low temp flexibility	pass
ASTM D1970	Waterproof integrity of lap seam	pass



Product Data

Coverage (Nominal).....	100 sq. ft.
Weight (Approx).....	90 lbs.
Roll Size	32'10" x 39 3/8" (10m x 1m)
Rolls/Pallet.....	20

Applicable Standards

- ASTM D 6222
- UL Classified for use in class A, B or C roofs, as listed the latest UL “Roofing Materials and Systems Directory”
- ICC ESR-2018



Available Colors

Black, White, Weatherwood, Buff, Chestnut, Slate

Special Order Colors

Heather, Oak, Green Blend, Red Blend
Special order colors require 10 pallet minimum order quantity.

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Application Instructions

TRI-BUILT® Self-Adhered APP Cap is intended to be used as a cap sheet for new or re-roof applications. TRI-BUILT® Self-Adhered APP Cap may be applied directly to the substrate of non-occupied spaces such as carports, sheds, canopies, etc. TRI-BUILT® Self-Adhered APP Cap requires the installation of a compatible granulated cap sheet to complete the roofing system.

- Apply only when the weather and forecast is dry and the ambient air temperature and substrate is 40°F (5°C) and rising.
- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with Asphalt Primer.
- When re-roofing, remove all prior roofing materials down to a clean debris-free substrate and properly close-off all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall have all joints blocked and properly supported.
- Ensure the installation of TRI-BUILT® Self-Adhered APP Cap does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated surface.
- While installing TRI-BUILT® Self-Adhered APP Cap:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Start by removing the first 18-24" of release film.
 4. Press the membrane into place with firm and even pressure. Roll the edges with a silicone hand roller to ensure complete adhesion.
 5. Gradually remove the remaining release film applying pressure from the center to the edges as you go.
 6. Position successive rolls providing a minimum 6" end lap and 4" side lap. Laps can be sealed for additional water tightness with a hot air welder.
 7. After installation of the entire roof surface, roll with an 80# split-face linoleum roller. Take care on sloped roofs by securing the roller and applicator with the appropriate safety equipment.
- Details and flashing may be installed using TRI-BUILT® Self-Adhered APP Cap with a hot air welder or with Roof Cement. Check project details for proper installation requirements.

PRODUCT WARRANTY

TRI-BUILT® MATERIALS GROUP, LLC commercial roofing membranes can be backed with a manufacturer's warranty when used as part of an approved, multi-ply roofing system. Please see you TRI-BUILT® MATERIALS GROUP, LLC Sales or Technical Representative for specifications and details.

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, TRI-BUILT® MATERIALS GROUP, LLC warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 5 years.

Refer to material safety data sheet (MSDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

TRI-BUILT® MATERIALS GROUP, LLC reserves the right to improve and change its products at any time without prior notice. TRI-BUILT® MATERIALS GROUP, LLC cannot be held responsible for the use of its products under conditions beyond its own control.