

TRI-BUILT® APP Granular

Product Description

TRI-BUILT® APP Granular membranes are premium, polyester reinforced APP modified bitumen roofing membranes specially designed for heat-welded applications. Constructed with premium Atactic Polypropylene resins, and incorporating superior polyester reinforcing, TRI-BUILT® APP Granular provides an exceptionally durable roofing product which is easy to install and will provide long-term weathering performance.

With a granulated surface (available in several colors) and a polyolefin backing, TRI-BUILT® APP Granular exceeds all minimum ASTM standards for tensile strength, puncture resistance and flexibility.

TRI-BUILT® APP Granular membranes can also be used as flashing membranes in all applicable specifications, in accordance with recommended installation practices.



Uses

- Heat-welded cap sheet
- Applied directly over an acceptable substrate or as part of a multi-ply system
- New roofing, re-roofing, re-cover and for flashing details

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties

Product Data

Coverage (Nominal).....	100 sq. ft.
Weight (Approx).....	110 lbs.
Roll Size	32'10" x 39 3/8" (10m x 1m)
Rolls/Pallet.....	20

Applicable Standards

- ASTM D 6222 Type I
- Factory Mutual Approved
- UL Classified for use in class A, B or C roofs, as listed in 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.

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, typical, mm (mils)	4.5 (180)
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, g	2

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Application Instructions

TRI-BUILT® APP Granular is intended to be used as the primary weathering surface in new or re-roof applications. TRI-BUILT® APP Granular is to be applied as the outermost layer of a multi-ply roof system over a compatible base or inner ply sheet. TRI-BUILT® APP Granular may be applied directly to non-combustible substrates.

- 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 fire rating of the assembly over any combustible substrate.
- Ensure the installation of TRI-BUILT® APP Granular does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated surface.
- While installing TRI-BUILT® APP Granular:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Install with traditional torch roofing techniques ensuring proper heating of the roofing material as not to expose the reinforcement.
 4. Do not heat the substrate.
 5. Position successive rolls providing a minimum 6" end lap and 3" side lap. Asphalt bleed out shall be 1/4" to 3/8" on all seams.
 6. Laps shall be rolled with a 6"-wide roller immediately after heat welding.
- Details and flashing may be installed using TRI-BUILT® APP Granular with torch applied techniques. Do not use cold adhesives or hot asphalt. 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 your 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.