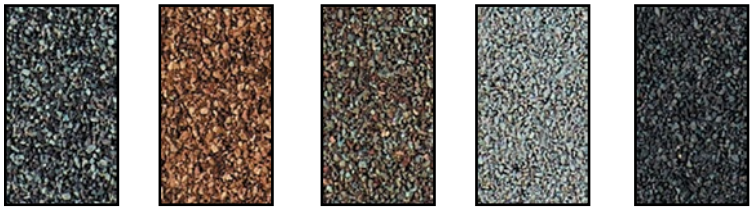
TopShield® PRO
Uncompromising Commitment to Quality

APP-G

APP Modified Bitumen Polyester Cap Sheet with Mineral Surfaces



TopShield®PRO APP-G is designed for use as a cap membrane over various types of substrates for both new construction and reroofing installations. It is suitable for most low sloped roof decks and may be used for roof system flashings including wall treatments, base flashings and field flashings.



Gunmetal Gray	Russet Ridge	Weathered Wood	White	Thunder Black
TSP654532	TSP654531	TSP654530	TSP654528	TSP654529

Product Composition and Features:
TopShield® PRO modified bitumen membranes are manufactured on state-of-the-art, dedicated roofing lines that were exclusively designed for the production of modified bitumen products. TopShield® PRO APP-G is produced with a high performance, stress-resistant polyester mat that is impregnated and coated with a superior grade, modified bitumen compound.

Applicable Standards:

- Miami-Dade County
- FBC #32658.R1
- Meets ASTM D6222, Grade G, Type I.
- UL Class A, B and C roof assemblies
- Qualified for use as a component of a FORTIFIED Roof™

TECHNICAL DATA

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with various thermoplastic atactic polypropylene polymers and co-polymers.

Support Mat: High performance, stress-resistant polyester mat.

SPECIFICATIONS	
Roll Dimensions:	39⅜" x 32' 10"
Coverage:	One Square
Approximate Weight:	103 lbs. per roll
Top Surface:	Mineral Granules
Back Surface:	Torchable polyethylene film

TEST DESCRIPTION	TEST METHOD	*RESULTS
Solar Reflectance Index (SRI) Initial/Aged:	ASTM E1980	27/18
Softening Point:	ASTM D36	310ºF
Tensile Strength:	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	100/60 lbs./in. 130/80 lbs./in.
Elongation:	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	45%/55% 30%/20%
Dimensional Stability:	ASTM D5147 MD/XD	0.5%/0.3%
Low Temperature Flex:	ASTM D5147	Pass @ 8°F
Compound Stability:	ASTM D5147	250ºF
Thickness:	ASTM D5147	4.0 mm (160 mils)
Tear Strength:	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD	130/90 lbs.

***NOTE:** Published results are nominal production values confirmed by independent laboratory testing.

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PRODUCT APPLICATION:

TopShield® PRO modified bitumen roofing systems must be applied in accordance with installation procedures contained in the CertainTeed Commercial Roof Systems Specifications. The following information is intended for general information purposes only and is not all-inclusive.

Limitations: TopShield® PRO APP-G is intended for torch application only and should not be exposed to adhesives or solvent based materials. Rolls should be stored upright, off the ground and completely protected from the weather. Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Specifications.

Preparation: Substrates to receive a roof system must be firmly attached, smooth, dry, clean and free of sharp projections and depressions. Substrates requiring priming must be primed with asphalt primer and be allowed to completely dry. Substrates must provide positive drainage. Roof must be tapered to drains.

Installation: Install one ply of base sheet lapping 2" on sides and 4" on ends. Base sheet must be mechanically fastened to nailable substrates, and either solid or spot mopped in hot asphalt to non-nailable or insulated substrates as specified in the CertainTeed Commercial Roof Systems Specifications. Apply base sheet in such a manner as to provide and maintain a minimum 6" offset between side and end laps of base ply and TopShield® PRO finishing membrane. Over the base ply, install one ply of TopShield® PRO APP-G lapping 3" on sides and 6" on ends, with end laps diagonally staggered not less than 3' apart. Side and end laps should be inspected to ensure a minimum 3/8" flow of modified compound has been achieved.

Precautions: Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply roofing systems over improperly prepared substrates or substrates that contain moisture. Follow all safety recommendations relating to the use and maintenance of liquid propane gas torches and equipment. Refer to the CertainTeed Commercial Roof Systems Specifications for additional safety information.

Maintenance: TopShield® PRO Roof Systems do not require any additional maintenance beyond normal yearly roof maintenance procedures. CertainTeed recommends regular roof maintenance and inspection to determine the condition of drains, flashings and other similar items, and to prolong the life expectancy of the roof system.

WARRANTIES:

SRS Distribution (SRS) warrants to the original building owner (Owner) that the Product described above, will remain free of manufacturing defects until the Warranty Expiration Date.

CAUTION FIRE HAZARD:

Torch application of this product may create a risk of fire, including smoldering fires. The roofing applicator is solely responsible for ensuring and enforcing safe and proper application of CertainTeed's roofing products by competent and qualified personnel. Only properly trained roofing professionals are authorized to install this product.

Never apply flame directly to combustible materials or allow the flame to enter into hidden or protected areas that may contain combustible materials. Follow all local code requirements. Have a Class A-B-C fire extinguisher available to each applicator. Thoroughly inspect the job site whenever torching equipment has been used. Be certain that all chances of a fire have been eliminated.

Refer to the CertainTeed Commercial Roof Systems Specifications, Midwestern Roofing Contractors Association (MRCA) CERTA program, National LP Gas Association, National Roofing Contractors Association (NRCA), National Fire Protection Association (NFPA), and Asphalt Roofing Manufacturers Association (ARMA) for further information and safety recommendations.

Scan the QR code to access additional information