

FLEXIGLAS™ PREMIUM Cap Sheet 960† **SBS MODIFIED, MINERAL SURFACED FIBER GLASS CAP SHEET**

Product Information

Product Use: FLEXIGLAS PREMIUM Cap Sheet 960 is designed for use as a cap sheet in built-up roofing systems. It may also be used as a heavy-duty, venting type base sheet when installed mineral side down and either mechanically fastened or spot mopped over lightweight insulating concrete decks or existing smooth surfaced membranes. FLEXIGLAS PREMIUM Cap Sheet 960 Roof Systems are suitable for both new construction and reroofing assemblies over a variety of substrates. It is surfaced with white ceramic granules to provide a durable, heat reflective weathering surface when used as a cap sheet.

Limitations: FLEXIGLAS PREMIUM Cap Sheet 960 may be applied in either hot asphalt or cold adhesive such as FlintBond™ (when installed in cold process assemblies). Rolls should be stored upright, off ground, completely protected against weather. Roof decks shall be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Roof decks shall provide positive drainage. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Manual.

Product Composition and Features: FLEXIGLAS PREMIUM Cap Sheet 960 is manufactured on a durable, high quality fiber glass mat which receives a heavy coating of weathering grade rubberized asphalt and is surfaced with white ceramic granules. The fiber glass base mat provides excellent strength and moisture resistance in conjunction with a reflective, durable granule surface.

Roll Dimensions:	39 ³ / ₈ " X 33'6"
Coverage:	One square
Approximate Weight:	95 lbs. per roll
Top Surface:	Mineral granule
Back Surface:	Light sand finish

Applicable Standards: Meets ASTM D6163, Grade G, Type I. FLEXIGLAS PREMIUM Cap Sheet 960 is approved by Underwriters Laboratories for use in various Class A, B, and C roof assemblies, Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533), and Texas Department of Insurance (RC-47).

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with an elastomeric thermoplastic styrene-butadiene-styrene polymer.

Support Mat: Heavy-duty, wet process fiber glass mat.

Technical Data

Test Description	Test Method	Results*
Softening Point:	ASTM D36	260°F
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	100/85 lbs./in.
	@ 0 +/- 3.6°F MD/XD	175/155 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	5%/5%
	@ 0 +/- 3.6°F MD/XD	3%/3%
Dimensional Stability:	ASTM D5147 MD/XD	0.1%/0.1%
Low Temperature Flex:	ASTM D5147	Pass @ -5°F
Compound Stability:	ASTM D5147	250°F
Thickness:	ASTM D5147	4.0mm (160 mils)

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

† Available in select geographic areas. Contact your local Commercial Territory Manager for details.

Product Application

FLEXIGLAS PREMIUM Cap Sheet 960 shall be applied in accordance with installation procedures contained in the CertainTeed Commercial Roof Systems Manual. The following information is intended for general information purposes only and is not all-inclusive.

Preparation: Substrates to receive a roof system shall be firmly attached, smooth, dry, clean and free of sharp projections and depressions. Flashing shall be in place and roof accessories available prior to application of materials. Substrates requiring priming shall be primed with asphalt primer such as FlintPrime™ and be allowed to completely dry. Substrates shall provide positive drainage. Roof insulation shall be tapered to drains.

Installation: FLEXIGLAS PREMIUM Cap Sheet 960 shall be installed as the finishing cap sheet following application of base ply and interply sheets. Cap sheet shall be installed in a continuous manner with underlying plies. Prior to application, FLEXIGLAS PREMIUM Cap Sheet 960 shall be unrolled, cut into lengths not to exceed 18' and allowed to flatten. Cap sheets which are "flown" into position shall receive a back mopping of hot asphalt at side and end laps. Apply cap sheet with 3" side laps and 6" end laps, with end laps diagonally staggered not less than 3 feet apart. Side and end laps shall be fully adhered in a complete mopping of hot asphalt with asphalt extending approximately 3/8" beyond lap edge. When used as a venting type base sheet, FLEXIGLAS PREMIUM Cap Sheet 960 shall be installed mineral surface side down. For nailable substrates, mechanically fasten 9" o.c. at side laps and 18" o.c. staggered in two rows, 12" in from each edge. For non-nailable or insulated substrates, spot mop the deck with asphalt in 9" diameter circles, 24" o.c. in all directions. Install with 3" side laps and 6" end laps, with end laps diagonally staggered not less than 3 feet apart.

Precautions: Cold weather applications require special handling to prevent damage to the rolls and to ensure satisfactory installation. Do not apply roofing systems over improperly prepared substrates or substrates which contain moisture. Asphalt temperature at point of application shall not fall below 425° F to ensure maximum adhesion between FLEXIGLAS finishing membrane and base ply. Refer to the CertainTeed Commercial Roof Systems Manual for additional safety information.

Maintenance: CertainTeed Commercial 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

CertainTeed offers a number of different types of Roof Membrane Warranties designed to meet the building owner's specific requirements. Please contact your nearest CertainTeed office for additional information and requirements.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application techniques for all CertainTeed Commercial Roof Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed's Technical Support at 800-396-8134 x2.

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