

ALL WEATHER/EMPIRE® BASE SHEET LIGHTLY SBS-MODIFIED BITUMEN FIBERGLASS BASE SHEET

Product Information

Product Use: All Weather/Empire® Base Sheet is designed for use as a base ply for both hot and cold applied, built-up roofing systems. It is suitable for use in the construction of various types of membranes for both new construction and reroofing over a variety of substrates. All Weather/Empire Base Sheet will provide additional strength, moisture resistance and asphalt uniformity when used as the anchor sheet over nailable or first ply non-nailable and insulated substrates. In addition, it will perform as a venting base sheet when spot mopped over FlintBoard® ISO polyisocyanurate roof insulation. It is acceptable for use with roof membranes whenever a heavy duty base sheet is desired.

Precautions: Roof systems constructed with All Weather/Empire Base Sheet as the base ply must be applied in accordance with installation procedures contained in the CertainTeed Commercial Roof Systems Specifications. 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. All Weather/Empire Base Sheet may be applied in either hot asphalt or approved cold adhesive such as FlintBond® depending on system design and selection. 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. Roof decks must provide positive drainage. Additional specifications and precautions are listed in the CertainTeed Commercial Roof Systems Specifications.

Product Composition and Features: All Weather/Empire Base Sheet is manufactured on a dimensionally-stable, fiberglass reinforced mat that receives a coating of modified bitumen compound. The final product is lightly surfaced with a mineral release agent. The modified bitumen coating provides excellent moisture resistance and durability. All Weather/Empire Base Sheet is pliable and will conform to most surfaces for ease of application.

Roll Dimensions: 39³/₈" X 65' 10"
Nominal Coverage: Two squares
Approximate Weight: 70 lbs. per roll
Top & Bottom Surfacing: Fine sand, release agent

Applicable Standards: Meets D4601, Type II, and ASTM D6757. All Weather/Empire Base Sheet is approved by Underwriters Laboratories for use in various Class A, B or C roof assemblies, Miami-Dade, Florida Building Code Statewide Approval (FL 477, FL 2533 and FL 16709) and Texas Department of Insurance (RC-47).

The following information represents typical average properties of All Weather/Empire Base Sheet.

Support Mat: Dimensionally-stable, fiberglass reinforced mat.

Technical Data

Test Description	Test Method	Results*
Thickness:	ASTM D5147	1.3 mm (50 mils)
Breaking Strength:	ASTM D4601	50 lbf./in.
Pliability:	ASTM D4601	Passed.
Perm Rating:	ASTM E96	<0.1

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

Technical Assistance and Services

CertainTeed provides technical assistance in the product selection specification and application guidelines for all CertainTeed commercial roof systems. Field representatives are available for consultation in each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 ext. 2 or rpg.comm.services@saint-gobain.com

