**Technical Product Data**

**YOSEMITE® VENTING BASE SHEET**

**NON-MODIFIED ASPHALT COATED FIBERGLASS BASE SHEET WITH GROOVED, MINERAL BOTTOM SURFACE**

**Product Use:** Yosemite® Venting Base Sheet is designed for use as a buffer sheet over existing roofing membranes in lieu of a divorcing layer of roof insulation on re-cover projects in which the existing roofing membrane is left in place. It is suitable for use over existing gravel, mineral or smooth surfaced roof systems and is substituted for the base ply of the new membrane. Yosemite Venting Base also may be mechanically attached to wood, structural wood fiber, poured gypsum and lightweight insulating concrete decks. Yosemite Venting Base Sheet is applied with the mineral side down in a method that allows for venting and isolation of the old roof. When applied as directed, Yosemite Venting Base Sheet will vent at all eaves, edges and parapet walls by permitting lateral transmission of vapor. The use of roof vents, spaced one per 600 sq. ft. of roof area in the field area of the roof, completes the ventilation system.

**Limitations:** Yosemite Venting Base Sheet may be applied in either a spot mopping of hot asphalt or with mechanical fasteners, depending on the type of existing membrane and substrate. The existing membrane surface must be prepared in accordance with CertainTeed’s reroofing specifications prior to application of Yosemite Venting Base Sheet. 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:** Yosemite Venting Base Sheet is manufactured on a heavy duty fiberglass reinforced mat that receives a heavy coating of weathering grade asphalt and is surfaced with mineral granules. The granules are embossed to provide positive channels for the escape of moisture. Venting channels are approximately 1/4” wide, spaced approximately 1-1/4” apart, and run the length of the roll. The heavy asphalt coating provides excellent moisture resistance in conjunction with a durable, puncture-resistant granule surface.

**Roll Dimensions:** 39⅜” X 32’ 10”

**Nominal Coverage:** One square

**Approximate Weight:** 84 lbs. per roll

**Top Surfacing:** Fine sand, release agent

**Back Surfacing:** Mineral granules

**Applicable Standards:** Meets ASTM D3909 and D4897. Yosemite Venting Base Sheet 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 477, FL 2533 and FL 16709) and Texas Department of Insurance (RC-47).

**Support Mat:** Heavy duty fiberglass reinforced mat

**Thickness:** 2.8 mm (110 mils)

**Tensile:** @ 73°F MD/XD 70/70

Reroofing applications utilizing Yosemite Venting Base Sheet must be applied in accordance with installation procedures listed in the CertainTeed Commercial Roof Systems Specifications. The following information is intended for general information purposes only and is not all-inclusive.

**Preparation:** Existing roof membrane must be firmly attached, smooth, dry, clean and free of sharp projections and depressions. All blisters, splits and other surface defects must be repaired in accordance with good roofing practice. Substrates must provide positive drainage. Roof insulation must be tapered to drains. For existing aggregate surfaces, all loose aggregate must be completely removed prior to installation of buffer sheet. Existing surfaces with 5/8” or larger aggregate must be torn off or spudded to provide a smooth surface. Flashing details must be in place, ready to receive roofing, with roof accessories available prior to application of materials. Existing membranes over non-nailable or insulated
substrates must be primed with asphalt primer and be allowed to completely dry. Refer to the CertainTeed Commercial Roof Systems Specifications for additional preparation requirements and limitations.

**Installation:** Install Yosemite Venting Base Sheet mineral surface side down with 2" side laps and 4" end laps, with end laps diagonally staggered not less than 3' apart. For nailable surfaces, attach sheet 9" o.c. at side laps and 18" o.c. in two rows, 12" in from each edge. For non-nailable surfaces, spot mop the primed surface with asphalt, using 15 lbs. per 100 sq. ft., and embed buffer sheet. Spot mop in 9" diameter circles, 24" o.c. in all directions. Remove all debris from sheet surface prior to application of remaining plies. Yosemite qualifies as a vapor retarder when additional insulation is specified.

**When used as a venting sheet:** At all parapets and curbs, carry the Yosemite Venting Base Sheet up the face of the cant and cut off 1" below the line where the cap flashings attach to the wall. Nail, but do not seal, top edge. At gravel stops, cut the Yosemite Venting Base Sheet off flush with the outside edge of the nailer or deck. Nail a dry 12" wide strip of base sheet over the nailer and the Yosemite Venting Base Sheet extending down the outside face of the nailer to be covered by the metal fascia. (Use the same CertainTeed base sheet specified in the CertainTeed Roof System being installed for this purpose.) Install the remainder of the roofing plies as specified in the CertainTeed Commercial Roof Systems Specifications for the particular roof system design.

**Precautions:** Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply Yosemite Venting Base Sheet over improperly prepared substrates or substrates that contain moisture.

**Maintenance:** CertainTeed Commercial Roof Systems generally 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 Limited (product only) and No Dollar Limit (NDL, product and workmanship) warranties. Warranty type and duration is dependent on roof system configuration and contractor selection. Only CertainTeed Gold and Silver Star Contractors are eligible to apply for NDL warranties on specific roof projects. For more information, see CertainTeed Commercial Roof Systems Specifications or contact Commercial Roofing Technical Services.

**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 Commercial Roofing Technical Services at 800-396-8134 x2.