

FLINTCLAD™ **ALUMINUM FACED SBS MODIFIED BITUMEN ROOF MEMBRANE**

Product Information

DESCRIPTION: FlintClad is a premium, **SBS modified bitumen roofing membrane** surfaced with **aluminum foil** facing to provide a durable, reflective finish. It is produced on state-of-the-art manufacturing lines designed exclusively for the production of modified bitumen roof membrane. FlintClad is made with a premium SBS polymer modified bitumen compound bonded to a tough, resilient fiberglass scrim reinforcement. The finished surface is a heavy duty, weathering grade embossed aluminum foil. Designed for torch application.

USES: FlintClad is cut to the desired length for use as a superior flashing detail membrane to provide finished roof details. Flashing membrane is cut from the ends of the rolls and applied vertically so that each strip has a smooth selvage edge. FlintClad is used as the finishing flashing layer, in combination with base and/or mid ply flashing plies as specified. FlintClad can also be used as the field cap sheet in multiple ply modified bitumen roof membrane assemblies.

PRODUCT ADVANTAGES:

1. Aesthetically pleasing finished look when used at flashing details
2. Outstanding UV reflectance
3. Excellent tensile strength, dimensional stability
4. Durable surface protects the SBS membrane from weathering

Specifications

FLINTCLAD

Roll Dimensions: 39" x 33'
 Coverage: One square (when applied according to CertainTeed's specification)
 Approx. Weight: 95 lbs. per roll
 Surfacing: Coated aluminum clad
 Color: Silver (other colors available)
 Back Surface: Torchable polypropylene film
 Selvage Edge: Torchable polypropylene film

Results below tested in accordance with ASTM D 6298:

Thickness 4.0mm
 Tensile Strength at 0°F (-18°C) 175
 Elongation at 0°F (-18°C) 8%
 Tensile Tear 130
 Low Temperature Flexibility - 15
 Dimensional Stability % < 0.2
 Compound Stability 225 F

Packaging

FLINTCLAD PACKAGING	
Packaging	25 Rolls per pallet
Approx. Weight Per Pallet	2,375 lbs.

Product Application

FLINTLASTIC Modified Bitumen roofing systems 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. Substrates requiring priming shall be primed with asphalt primer and be allowed to completely dry. Substrates shall provide positive drainage. Roof shall be tapered to drains.

Installation: Over the base and/or mid ply, install one ply of FlintClad or other approved CertainTeed cap sheet, lapping 4¼" on sides and 6" on ends with end laps diagonally staggered, not less than 3 feet apart. FlintClad shall be applied using the torch method of application. Do not over torch. Roof layout shall provide that no laps are against the flow of water. Apply sufficient pressure to FlintClad to remove any air pockets. A damp rag or cotton nap roller may be used for this purpose. All endlap corners shall be diagonally cut at opposing ends to minimize T-seam joints. Endlaps of FlintClad shall be primed with CertainTeed FlintPrime™ asphalt primer or approved alternate, and the primer must be allowed to dry prior to overlapping. Check all laps for a complete bond using a warm trowel. Lightly crimp foil surfacing over membrane edges along all side and endlaps using a warm trowel. Use Flintcoat™ Aluminum Roof Coating to dress any exposed area of bitumen.

Precautions

Maintenance: CertainTeed recommends regular roof maintenance and inspection to determine the condition of drains, flashings and other similar items.

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. Refer to the CertainTeed Commercial Roof Systems Manual for additional application and safety information.

Storage and Handling: Rolls should be stored indoors, protected from the elements and moisture, on original pallets. Care should be taken to store the rolls upright in a manner that does not cause them to become bent or crimped.

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

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Architectural and field representatives are available for consultation within each region. Refer also to the CertainTeed Commercial Roof Systems Manual for additional information.

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