Three-Ply Cold Application, Base Sheet-Fastened Modified Bitumen, White-Coated Mineral-Surfaced Roofing System. For use over Johns Manville (JM) insulation, approved substrate or other approved insulations on inclines up to 6° per ft (500 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

**Base Ply:**
- TRICOR S*, BICOR S*, JM APP Base or PermaPly 28 1 layer

**Intermediate Plies:**
- TRICOR S or BICOR S 1 layer

**Cap:**
- TRICOR M FR CR 1 layer

Approximate installed weight: 185 - 270 lb (84 - 122 kg).

**General**
This specification is for use over any type of approved structural deck with insulation or approved substrate which is suitable to receive a mechanical fastener and which provides an acceptable surface to receive the roof.

Specific written approval is required for any roof insulation that is not supplied by JM. Insulation shall be installed in accordance with the appropriate JM insulation specification detailed in the JM Commercial/Industrial Roofing Systems Manual. This specification can also be used in certain re-roofing situations. Refer to the “Re-roofing” section of the JM Commercial/Industrial Roofing Systems Manual. This specification is not to be used over gypsum, either poured or precast, or lightweight insulating concrete decks or fills.

Design and installation of the deck and/or roof substrate must result in the roof draining freely, to outlets numerous enough and so located as to remove water promptly and completely. Areas where water ponds for more than 24 hours are unacceptable and will not be eligible for a JM Peak Advantage Guarantee.

**Flashings**
Flashing details can be found in Section 3 of the JM Commercial/Industrial Roofing Systems Manual.

**Application**
Using one of the base plies listed, mechanically fasten with an approved JM insulation fastener and plate, a 26¾” (675 mm) wide piece of base ply through the insulation. The remaining base plies are to be applied full width with 3” (76 mm) side and 4” (102 mm) end laps over the preceding sheets. Fasten the laps at 6” (152 mm) centers, and down the longitudinal center of each felt ply, place two rows of fasteners, with the rows spaced approximately 11” (279 mm) apart, and fasteners staggered on approximately 18” (457 mm) centers. Use fasteners appropriate to the insulation and deck. For additional fastener information, refer to the fastener data in the “Roof Decks” section of the current JM Commercial/Industrial Roofing Systems Manual.

Roll an 19¾” (502 mm) wide piece of one of the intermediate felts listed into a full coating of MBR Cold Application Adhesive or MBR Bonding Adhesive. The remaining felts are to be applied full width, in the same manner. End and side laps can be done in one of the following ways:

A) Use MBR Cold Application Adhesive or MBR Bonding Adhesive on the 3” (76 mm) side and 6” (152 mm) end lap.

Or...

B) Use a hot air gun or torch on the 3” (76 mm) side and 6” (152 mm) end lap. All laps must be rolled with a 3” (76 mm) rounded edge roller. A ¼” to ½” (3 mm to 10 mm) bleedout of APP compound shall be visible at the edge of all seams. All laps must be checked for good adhesion.

**Steep Slope Requirements**
Special procedures are required on inclines over 2½° per ft (208 mm/m).

**Surfacing**
No additional surfacing is required.

**Flashing**
If a small amount of asphalt bleeds out at the side or end laps, the roof will still meet California Title 24 requirements. Bleedout less than 1” (25 mm) is acceptable, but 1/2” (10 mm) is recommended.

Some applicators or building owners may want to dress up the roof by heat coating the asphalt to give the roof surface a uniform white appearance. This is an optional step. JM recommends using a heavy nap roller, in a 4” (102 mm) width, to coat the exposed asphalt with JM CR Seam Coating.

**Note:** When using metric- and English-sized sheets in the same system, care should be taken to avoid lap over lap configurations.

* This is a special order product. Contact your JM sales representative about availability and lead time.

Refer to the Material Safety Data Sheet and product label prior to using this product.