

Four-Ply Fiber Glass Cold Application Built-Up Roof Smooth Surfaced. For use over JM insulation, approved decks or other approved insulations, on inclines of up to 3" per ft (250 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

Asphalt Primer (If required) ½ to 1 gal (2 to 4 l)

Felts:
GlasBase Plus, PermaPly 28 or GlasTite Flexible 4 layers

Interply: JM BUR Adhesive or MBR Cold Application Adhesive
Incline per foot **Adhesive** **Per 100 ft² (9.29 m²)**
Up to 3" (250 mm/m) JM BUR Adhesive 9-11 gal (37-45 l)
or MBR Cold
Application Adhesive

Surfacing: Coverage*/ 100 ft² (9.29 m²)

Asphalt Emulsion (Formerly TopGard Type B)	3 - 4 gal (11 - 15 l)
TopGard Type A (Aluminum Emulsion)	1½ - 2 gal (6 - 8 l)
Fibrated Aluminum Roof Coating	1½ - 2 gal (6 - 8 l)
TopGard 4000	1 - 2 gal (4 - 8 l)
TopGard 5000	1 - 2 gal (4 - 8 l)
TopGard Base Coat	1 - 2 gal (4 - 8 l)

Approximate installed weight: 192 - 221 lb (87 - 100 kg).

* Coverage rates depend on weather conditions and substrate. Refer to specific code agency Web sites for exact constructions that may require a specific application rate for compliance.

General

This specification is for use over any type of approved structural deck which is not nailable and which offers a suitable surface to receive the roof. Poured and precast concrete decks require priming with Asphalt Primer prior to application of the cold application roof adhesive.

This specification is also for use over JM roof insulations or other approved rigid roof insulations, which are not nailable and which offer a suitable surface to receive the roof. Specific written approval is required for any roof insulation not manufactured or supplied by JM. Insulation should be installed in accordance with the appropriate JM insulation specification detailed in the current 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 directly over poured or precast gypsum or lightweight, insulating concrete fills.

Design and installation of the deck and/or substrate must result in the roof draining freely and 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 are not eligible to receive a Johns Manville Peak Advantage Guarantee.

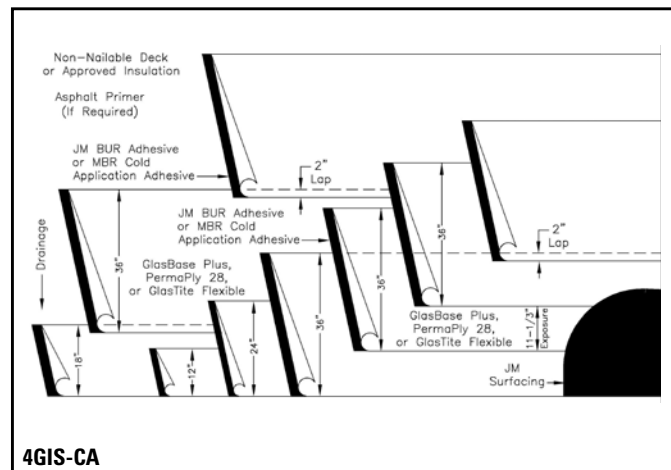
Note: All general instructions contained in the current JM Commercial/Industrial Roofing Systems Manual should be considered part of this specification.

Flashings

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

Application

Base sheet shall be cut-into 18' (5.5 m) lengths and be allowed to relax before being installed.



Note: On roof decks with slopes up to 1" per ft (83 mm/m), the roofing felts may be installed either perpendicular or parallel to the roof incline. On slopes over 1" per ft (83 mm/m), refer to Paragraph 11.0 of this section for special requirements.

Using GlasBase Plus, PermaPly 28 or GlasTite Flexible, start with an 18" (457 mm) width (the use of a specific base sheet may be a condition of Guarantee). The following base sheet courses are to be applied full width, lapping the preceding felt 2" (51 mm) on the side laps and 4" (102 mm) on the end laps. Install each base sheet so that it is firmly and uniformly set, without voids, into the JM BUR Cold Application Adhesive applied before the felt at a nominal rate of 1½ to 2 gal/100 ft² (0.6-0.8 l/m²) over the entire surface.

Using GlasPly Premier or GlasPly IV, apply a piece 12" (305 mm) wide, then over that, one 24" (610 mm) wide, then over both, a full width piece. The following felts are to be applied full width, overlapping the preceding felts by 24¾" (627 mm) so that at least 3 plies of felt cover the base felt/ substrate at all locations. Install each felt so that it is firmly and uniformly set, without voids, into the JM BUR Cold Application Adhesive applied before the felt at a nominal rate of 1½ to 2 gal/100 ft² (6-8 l/9.29 m²) over the entire surface.

Surfacing

Finish the entire membrane surface with a uniform application of the selected coating. The coating chosen will depend on aesthetics and any fire rating or code approval required. Refer to paragraph 9.0 of Section 3b or the installation directions printed on the label for more specific information regarding a particular coating.

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