

Five-Ply Smooth-Surfaced Fiber Glass Built-Up Roof. For use over wood or other nailable decks on inclines of up to 6" per ft (500 mm/m).

Materials per 100 ft² (9.29 m²) of roof area

Sheathing Paper (Wood board decks only): 1 layer

Felts:

GlasBase Plus, PermaPly 28 or Ventsulation Felt 1 ply
GlasPly Premier or GlasPly IV 4 plies

Asphalt (Interply): Trumbull®* or other JM-approved asphalt

Incline per foot	Asphalt	Total Weight
Up to 1" (83 mm/m)	170°F (77°C), Type II, Flat	92 lb (42 kg)
1" to 3" (83 to 250 mm/m)	190°F (88°C), Type III, Steep	92 lb (42 kg)
3" to 6" (250 to 500 mm/m)	220°F (104°C), Type IV, Special Steep	92 lb (42 kg)
up to 6" (500 mm/m)	PermaMop	92 lb (42 kg)

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: 138 - 240 lb (62.6 - 108.9 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 (without insulation) which can receive and adequately retain nails or other types of mechanical fasteners that may be recommended by the deck manufacturer. Examples of such decks are wood and plywood. This specification is not for use directly over lightweight, insulating concrete decks.

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 JM 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

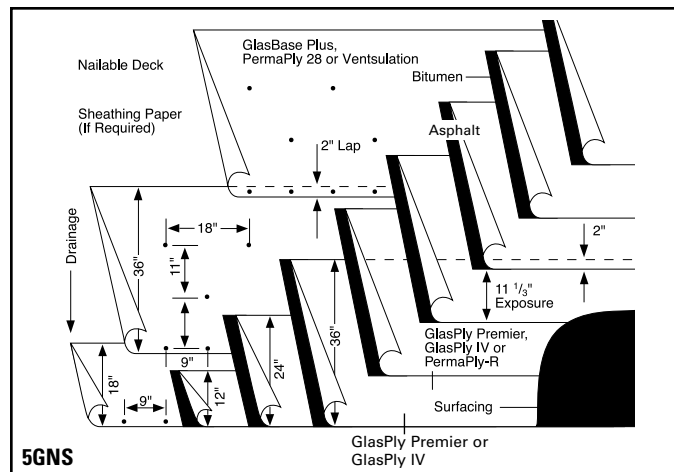
Flashing details can be found in Section 3 of the JM Commercial/Industrial Roofing Systems Manual.

Application

Over wood board decks, one ply of sheathing paper must be used under the base felt and on top of the wood board deck.

Note: On roof decks with slopes up to 2" per ft (166 mm/m), the roofing felts may be installed either perpendicular or parallel to the roof incline. On slopes over 2" per ft (166 mm/m), refer to Paragraph 11.0 of Section 3b for special requirements.

Using GlasBase Plus, PermaPly 28 or Ventsulation Felt, start with a 12" (305 mm) width sheet (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. Nail the side laps 9" (229 mm) o.c. Down the longitudinal center of each felt, place two rows of nails spaced approximately 11" (279 mm) apart, with the nails staggered on approximately 18" (457 mm) centers. Use nails or fasteners appropriate to the type of deck with 1" (25 mm) minimum diameter caps. For additional fastener information, refer to the "Roof Deck" section of the current JM Commercial/Industrial Roofing Systems Manual.

Using GlasPly Premier or GlasPly IV, apply a piece 9" (229 mm) wide, then over that, one 18" (457 mm) wide, then over that, one 27" (686 mm) wide. Over these 3 partial sheets, install a full width 36" (914 mm) piece. The following felts are to be applied full width, overlapping the preceding felts by 27½" (699 mm) so that at least 4 plies of felt cover the substrate at all locations. Install each felt so that it is firmly and uniformly set, without voids, into the hot asphalt (within ±25°F [±14°C] of the EVT) applied just before the felt at a nominal rate of 23 lb/100 ft² (11 kg/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.

Asphalt

Asphalt should meet the requirements of ASTM D 312.

JM guarantees require the use of Trumbull®* asphalt or another JM-approved asphalt.

Check with a JM Technical Services Specialist for special asphalt requirements in hot climates.

Note: For the most current information on general guidelines, please refer to the System Considerations tab under Systems Introduction & Selection on the JM Roofing Web site. For specifications, flashing details and general installation information please refer to the System Application tab.

* Trumbull is a registered trademark of Owens Corning.

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