

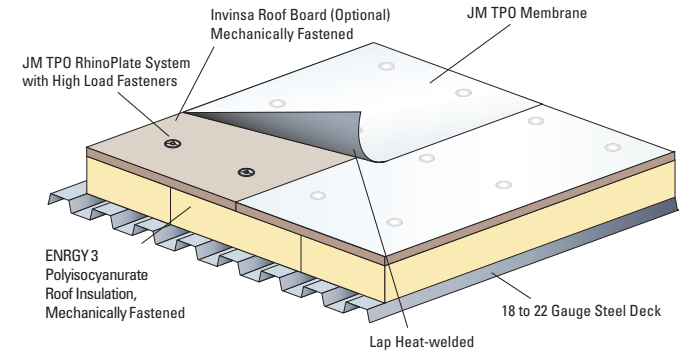
**JM offers 15 and 20-year guarantees for new construction, complete tear-off or re-cover applications.**



**TPO Membrane Systems utilizing JM TPO RhinoPlates**

| Term    | Thickness    | Spec - TPO   |
|---------|--------------|--------------|
| 20 year | 60 or 80 mil | ST6RR, ST8RR |
| 15 year | 60 mil       | ST6RR        |

Enhanced guarantees are now available on certain systems for wind and puncture. Consult your local JM sales representative or tech services representative for more information about the new Single Ply Guarantee Charges Requirements Guide for specific guarantee terms and costs.



Note: Illustration does not directly represent any code approvals below.

## FM Global® Approvals – JM TPO Membrane with the JM TPO RhinoPlate Fastener

| Deck     | Rating | Insulation | Cover Board | Insulation Fastener | Insulation Plate  | Fastener Frequency             | RoofNav <sup>SM</sup> # |
|----------|--------|------------|-------------|---------------------|-------------------|--------------------------------|-------------------------|
| Steel    | 1A-90  | E          | I           | HL                  | JM TPO RhinoPlate | 6 per board                    | 247612-0-0              |
|          | 1A-135 |            |             | HL                  |                   | 8 per board                    | 247628-0-0              |
| Re-cover | 1A-90  |            |             | P                   |                   | 5' (1.52 m) - 18" (46 cm) o.c. | 250834-0-0              |
|          | 1A-90  |            |             | P                   |                   | 10' (3.05 m) - 6" (15 cm) o.c. | 248576-0-0              |
|          | 1A-135 |            |             | P                   |                   | 5' (1.52 m) - 12" (31 cm) o.c. | 250830-0-0              |
|          | 1A-240 |            |             | P                   |                   | 5' (1.52 m) - 6" (15 cm) o.c.  | 250826-0-0              |

When searching in RoofNav (version 3) for a specific approval, be sure to indicate the mil thickness desired, i.e., JM TPO 60. To ensure FM approval, only use one of the above FM-approved systems.

## UL® Approval Summary – JM TPO Membrane with the JM TPO RhinoPlate Fastener

| Deck           | Class | Membrane   | Max. Slope in./ft (mm/m) | Insulation   | Second Layer or Cover Board | Special Conditions  |
|----------------|-------|------------|--------------------------|--------------|-----------------------------|---|
| Noncombustible | A     | TPO        | ¾" (63)                  | E            | WF, OSB                     |   |
|                | A     |            | 1" (83)                  | E (optional) | I                           |   |
| Combustible    | A     |            | ¾" (63)                  | –            | –                           | Atlas Roofing FR-10 or VersaShield®. 2 layers for Class A |
|                | A     |            | 2" (167)                 | –            | DD                          |   |
|                | B     | 1.2" (100) | E                        | –            | PermaPly® 28, Nailed        |   |

**Insulation**  
E = ENRGY 3®

**Fastener and Plate**  
HL = High Load Fastener  
P = JM Purlin Fastener

**Cover Board**  
I = Invinsa® Roof Board  
WF = Wood Fiber  
DD = DensDeck® Roof Board  
SR = Securock®

**Notes**  
1. Consult specific RoofNav assembly for construction detail.  
2. Deck must be FM Global approved.

**JM TPO Membranes meet or exceed all of the requirements of ASTM D 6878.**

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**Consult JM Technical Services at (800) 922-5922 for further information.**