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Vertical Installation Requirements - TPO SA Membrane and SA Flashing Membrane

Johns Manville strives to provide solutions that improve contractor's competitiveness and efficiency when working with our products. This technical bulletin serves as a notification of Johns Manville's requirements for installing JM TPO Self-Adhered (SA) and SA Flashing Membrane in vertical applications and identifies some advantages of these products.

SA Membrane and SA Flashing Membrane may be installed directly to smooth approved substrates when ambient and substrate temperatures are 40°F (4.5°C) and rising. The use of SA Primer or SA Low VOC Primer is required when temperatures are below 40°F or the surface is rough.

- Approved smooth substrates include plywood, APA OSB, gypsum board and Invinsa® Roof Board.
- All surfaces must be clean and free from oil, grease, rust, scale, loose paint and dirt.
- Prime approved substrates with SA Primer or SA Primer Low VOC when ambient and substrate temperatures are between 20°F and 40°F. Allow for primer to fully flash before applying the SA Membrane or SA Flashing Membrane.
- Approved substrates with porous or rough surfaces include DensDeck® Prime, DensDeck®, DensGlass® Gold, DEXcell®, concrete and smooth faced CMU. All porous and rough surfaces require SA Primer or SA Primer Low VOC regardless of temperature.
- Do not install SA Membrane or SA Flashing Membrane in direct contact with asphalt.

Terminate all JM Membrane and Wall Flashings per the applicable details. Reference details T-FW-B9, T-FW-B10, T-FW-B11 or T-FW-B12 for approved base tie-in conditions found at: <http://www.jm.com/en/commercial-roofing/tpo-design-and-installation-considerations/> .

Wall flashing installations on smooth surfaces up to 60" will not require intermediate fastening. Intermediate fastening may be excluded on vertical smooth substrates up to 10 feet when the SA Primer or SA Primer Low VOC is applied to the wall. All vertical installations on rough substrates will require SA Primer or SA Primer Low VOC and intermediate fastening at 60".

Please visit www.jm.com/roofing to view the latest specifications and system requirements or contact JM Guarantee Services at (800) 922-5922 opt. 3.

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