

Viking Peel & Stick Tanking

Version: TP-PDS-1.1

Introduction:

This Data Sheet is a reference guide for Viking Roofspec Licensed Installers who are familiar with Viking Roofspec's systems and are responsible for Viking roof-system installations. The following guide contains precautions, best uses and application procedures for the correct installation of Viking Peel & Stick

Viking Peel & Stick Tanking is a durable self-adhered waterproofing system, engineered for masonry block, concrete and EPS or XPS block walls, accompanied by a drainage coil below floor level. This versatile system offers a double-layer application for maximum depths up to 10 meters*.

*Refer to Depth Table for approved combinations.

Key Features and Advantages:

- **Easy Application:** Viking Peel & Stick Tanking ensures effortless application with its self-adhered design, eliminating the need for additional adhesives.
- **Effective Drainage:** The system works seamlessly with Viking Drainage and Protection Board, facilitating efficient subsoil drainage through the drainage coil.
- **Strong Connection:** Teaming up with Viking Under-slab establishes a robust connection between below floor level and the wall, enhancing overall waterproofing reliability.
- **Adaptability to Insulation Substrates:** For EPS or XPS insulation substrates, water-based primers enable a single-layer option up to 1.5 meters or a double-layer system up to 4.0 meters maximum. Mechanical securement of the tanking through the insulation substrate is crucial for optimal performance.
- **Flexible Pressure Bar Fastening:** To secure EPS or XPS substrates, the system employs pressure bar fastening either at the top for single-layer installations or at 1.7-meter maximum intervals for double-layer applications.
- **Exclusive Installation by Viking Approved Applicators:** The Viking Torch Applied System is exclusively installed by our Viking Approved Applicators, ensuring professional workmanship and adherence to quality standards.
- **20-Year Product Warranty:** With a comprehensive 20-year product warranty, the Viking Torch Applied System provides unmatched peace of mind and confidence in its long-lasting performance.
- **BRANZ Appraised:** The system has earned the esteemed BRANZ Appraisal, highlighting its compliance with industry standards and recognized excellence.

Properties

Product Code	Description	Coverage	Size
SEE015	Peel & Stick Tanking	18.66m ² per roll	0.915m x 20.4m
SEM145	Peel & Stick Solvent Primer	80m ² /pail	19L
SES299	Tanking Mastic (P&S)	N/A	890ml

Limitations:

- **Drained Cavity Required:** To ensure proper drainage and waterproofing efficiency, a drained cavity is necessary.
- **Depth Limitations:** For masonry substrates, the single-layer Viking Peel & Stick Tanking is suitable up to 5 meters in depth.
- **EPS, XPS Substrates:** The system offers a single-layer option for maximum depths up to 1.5 meters and a double-layer solution for maximum depths up to 4.0 meters when working with EPS or XPS substrates. **
- **Surface Temperature Range:** Viking Peel & Stick Tanking functions effectively at surface temperatures of 4.4°C and above (CCW MiraDRI 860).

- Safe Working Space: A minimum of 600mm safe working space behind the wall is essential for smooth installation.
- **Contact Viking Roofs spec for specification guidance outside these parameters.

Depth Table

Substrate	Single Layer max depth	Double layer max depth
Masonry block / Concrete	5.0 meters	10.0 meters
Poly-block EPS / XPS	1.5 meters	4.0 meters

Installation

- Substrate must be dry.
- Blockwork pointing must be flush filled.
- Footings wire brushed to remove loose compounds left on the concrete.
- Prime the substrate with Peel & Stick primer.
- Install bitumen fillet at the footing wall junction if a toe footing is designed.
- Connect a strip of Peel & Stick onto the Under-slab Tanking Membrane and 150mm up the wall.
- Install gussets on all internal and external corners.
- Install the Peel & Stick Membrane onto the wall in maximum 2m lengths. Overlap the footing strip 50mm onto the footing.
- Once the release paper has been removed, use a roller to firmly roll the entire membrane surface.
- Special care must be taken to ensure all laps are pressure rolled.
- Use Tanking Mastic on the joins and at the top of the membrane leading edge.
- Install the Viking Protection/Drainage board over the Peel & Stick Membrane. A 70mm lap is required to prevent backfill material reaching the membrane.
- Use the Tanking Termination bar IMP708 to hold the top edge of the protection/drainage board.
- Use a joint sealant to seal the top of the termination bar.

Precautions

1. Drained Cavity Required: The system necessitates a drained cavity to ensure proper drainage and waterproofing performance.
2. Suitable Substrates: Viking Peel & Stick Applied System is suitable for masonry or concrete substrates only and compatible with polystyrene block, EPS, or XPS insulated walls. (primer dependent)
3. Masonry Double Layer System: For depths up to 10 meters, the double layer system with a drained cavity is recommended.
4. Single Layer System: For depths up to 5 meters, the single layer system with a drained cavity is suitable.
5. Surface Temperature Range: The system is effective for surface temperatures of -15°C and above.
6. Minimum Requirements: The system must be applied according to the minimum requirements specified in the installation guidelines for optimal performance.

Storage

Handling and storage of all materials whether on or off site is under the control of the Viking Roofs spec Licensed and Trained Installers. Dry storage must be provided for all products, do not let products get crushed under weight of stacking pallets on top of each other.
 In colder conditions 5 degrees and below store rolls in a warmer area

Notes

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