

Viking Enviroclad SeamShield Installation Guide

Viking Roofspec Supplier Codes: STP510SS, STP513SS

Version: V1.0

Introduction:

Viking Enviroclad SeamShield protective film is factory applied in the USA during the membrane manufacturing process. It is designed for easy removal, leaving a residue-free surface that's ready for welding. The system incorporates a split 150mm transparent blue film on the top ply, allowing for clear visibility of overlap lines and fastener marks during installation. A 76mm grey film contrasts with the black bottom ply, improving installation accuracy. Additionally, the inclusion of a split top film accommodates both mechanically fastened and adhered installations, enhancing versatility and ease of use across different application methods.

Key Features

- Prevents dirt and other contaminants affecting Enviroclad TPO Membrane factory sheet laps.
- Reduces time spent cleaning laps with Weathered Membrane Cleaner and Splice Wipes.
- Increased productivity for staff on site.

Properties

SeamShield Membrane	Typical Characteristics
Top Ply	Blue, Two piece, 150mm wide
Bottom Ply	Grey, Single piece, 76mm wide
Roll type with SeamShield	STP510SS Grey 1.52mm x 3.0m x 30.4m
	STP513SS Grey 1.52mm x 3.66m x 30.4m

Membrane Installation

Viking Enviroclad SeamShield protective film allows for improved adhesive application time. By eliminating additional staff holding shields when spraying CAV Grip III or applying masking tape while rolling Sureweld Bonding Adhesive. The following steps provide the correct method to achieve optimal efficiency using this technology for welding factory laps.

Fully Adhered Enviroclad TPO

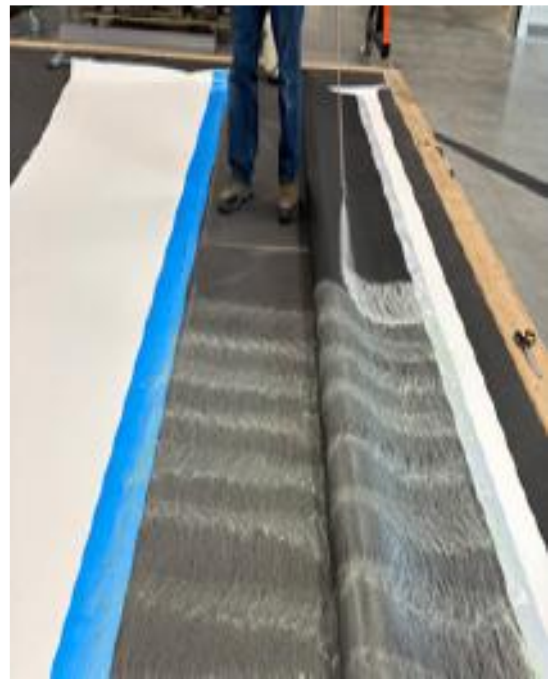
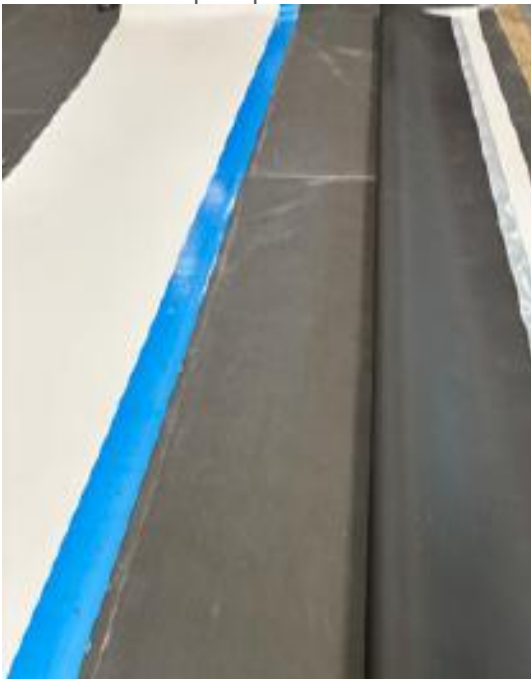
1. Place the Enviroclad membrane over the prepared substrate, allowing it to relax.



2. Line the adjoining sheet up with the top of the X's printed on the membrane, ensuring at least a 50mm overlap of the two Enviroclad sheets.

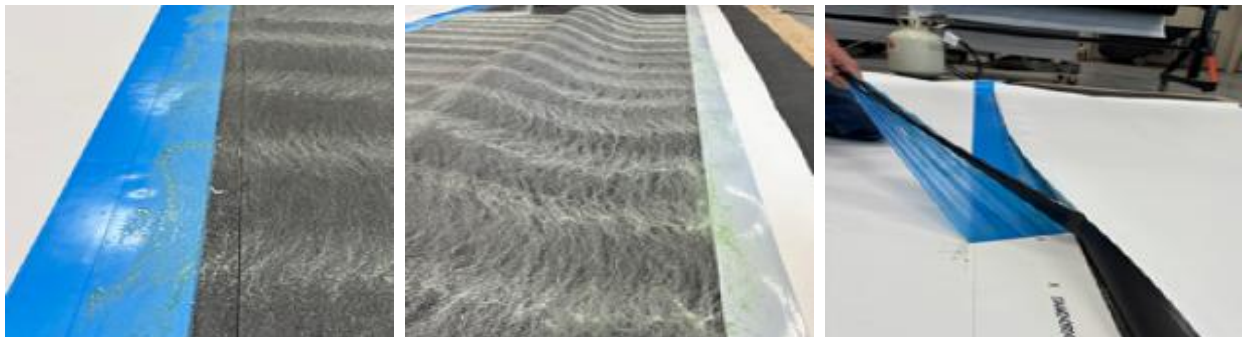
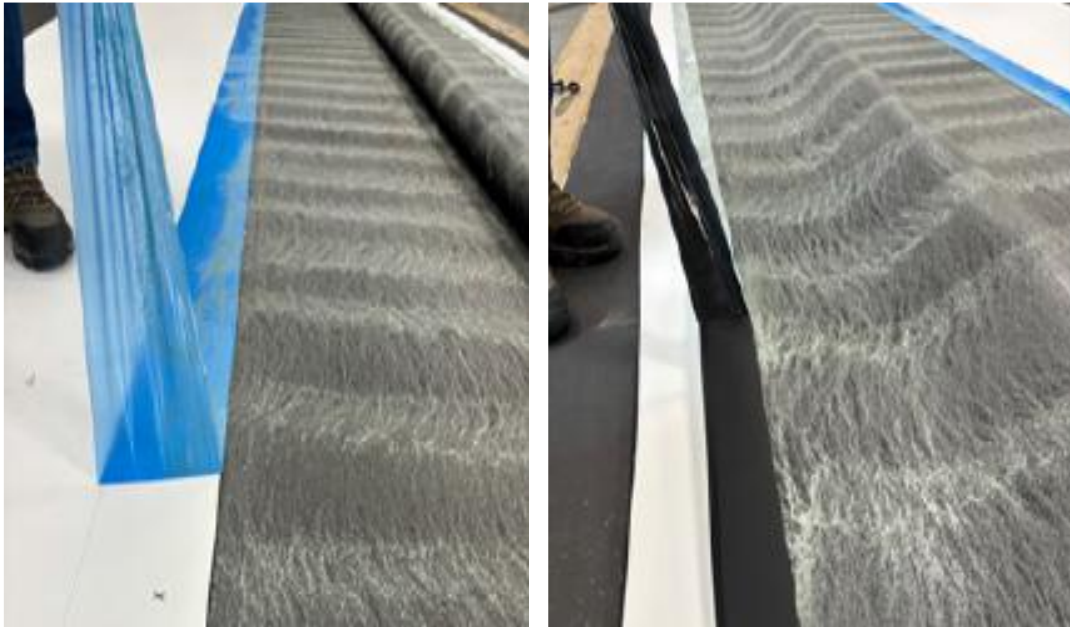


3. Install adhesive per specification on the substrate and membrane.



4. Once the adhesive has flashed off and prior to rolling the sheets into place, remove the entire blue SeamShield film as well as the grey film on the underside of the sheet, exposing a clean, weldable area.

Note: You can roll the sheet in first and pull both films at the same time, but if there is adhesive on both films, the films may stick and may not be as easy to remove.



5. Pay attention to hand rolling the membrane adjacent to the lap prior to welding. Hot air weld the seam directly after installing the sheet to ensure the seam stays clean.



Induction Welded Enviroclad TPO

1. Place the Enviroclad membrane over the prepared substrate with Rhinobond induction welding plates, allowing it to relax. Complete the induction welding.



2. Line the adjoining sheet up with the top of the X's printed on the membrane, ensuring at least a 50mm overlap of the two Enviroclad sheets.



3. Remove the entire blue SeamShield film on the top ply and the grey film on the underside directly before welding to ensure the seam stays clean.



August 2026

INSTALLATION GUIDE

4. Weld the Enviroclad seam.



Notes

Auckland office

80 Alexander Crescent,
Otara PO Box 14-541,
Panmure, Auckland
1741, New Zealand

Christchurch office

2 Nazareth Avenue,
Middleton, PO Box
9117, Tower Junction
Christchurch 8149,
New Zealand

Wellington office

19 Pretoria St,
Lower Hutt 5010,
New Zealand

T: 0800 729 799

F: 0800 729 788

info@vikingroofspect.co.nz
www.vikingroofspect.co.nz

A division of Viking Group Limited