

Viking Data Sheet

Enviroclad Walkway Roll

Sept 2020

Enviroclad TPO Walkway Roll use:

Viking's Enviroclad TPO heat-weldable Walkway Roll is designed to protect the Enviroclad TPO (or Epiclاد / Butylclad) membrane in areas exposed to repetitive foot traffic and other hazards.

Viking recommends that Walkways be installed at all traffic concentration points (i.e. roof hatches, access doors, rooftop ladders, etc.) regardless of traffic frequency. Walkways must also be installed if regular maintenance (once a month or more) is necessary to service rooftop equipment.

Properties

Material	TPO
Size / Weight	870mm wide x 15.2mts Sold Cut to Lgth / 44kg per roll
Thickness	2mm at bottom of tread, 2mm at yellow welding edge, 4.3mm overall
Membranes	Enviroclad TPO / Epiclاد / Butylclad
Colour	Yellow hazard edge in Grey (STP710) or White (STP700)

Features and Benefits

- ✓ Increased slip resistance created with a diamond plate tread pattern
- ✓ Walkway edges are trimmed in safety yellow to better define the designated traffic flow
- ✓ The yellow edges are smooth without tread lugs for easier welding
- ✓ Superior weathering package for long term performance

Installation

1. For Enviroclad TPO use Weathered Membrane Cleaner to prepare the membrane to be welded to the walkway material.
For Epiclاد or Butylclad clean the rubber with SES225 Solvent and clean the TPO Walkway roll with Weathered Membrane Cleaner. Prime (SEC034) both surfaces for proper Lap-tape (SMT076) application around the perimeter.
2. Position the walkway material. Cut the Walkway Rolls into maximum 3Lm lengths and position with a minimum 25mm gap between adjacent pieces to allow for water drainage. Cut the walkway so a 100mm minimum gap is created over any field splices. Since the attachment of the walkway to the membrane is permanent, this will allow access to the field seams.
3. The centre of the Walkway roll may be adhered to the membrane to help hold in position.
4. Using an automated welder, weld all four sides of the walkway material to the membrane. Typically the same speed and temperature settings will be used for this procedure as for welding membrane to membrane. A test weld is always recommended prior to performing welds to the installed membrane. A hand-held welder may be utilised; however, productivity will be decreased.

PRECAUTIONS:

- Walkway Rolls are a maintenance item only. They do not provide the primary waterproofing of the roofing system.
- This product is to be used as a walkway only and is not designed as a perimeter warning line or a substitute for ballast. Walkway rolls cannot be installed within 3 mts of the roof perimeter.
- **Allow the walkway to relax and warm up in the sun prior to welding in place.**
- **When possible, weld the walkway rolls when the ambient temperature is above 16° C to help prevent wrinkles.**

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