

DESCRIPTION & USE

HI-TUFF TPO SAFETY WALKWAY is fabricated from heavy gauge TPO, fit to protect the HI-TUFF TPO membrane from possible physical damage in high traffic areas.

Walkways are recommended around all traffic concentration points such as roof access hatches, doors and ladders and along regular traffic routes between rooftop units that require servicing as frequently as once per month or more. HI-TUFF TPO SAFETY WALKWAY can also be used for membrane protection under sleepers, wood walkways, wooden patio decks, and under gas line bearing pads. For other acceptable uses please contact your LEXCAN Technical Representative.

FEATURES & BENEFITS

Safety Yellow Colour - for easy visibility and to better define the designated traffic flow

Diamond Plate Tread Pattern - for increased slip resistance

TECHNICAL DATA

Property	Test Method	Typical Value
Colour:		Yellow
Nominal Thickness:		4.5 mm ± 0.2 mm (175-mil ± 8)
Weight:		40 kg (88 lbs)
Density:	ASTM D792	Nominal=1.11 g / m ³ (6.93 lbs / ft ³)
Tensile Strength:	ASTM D638	min. 5 MPa (725 psi)
Tear Strength / Resistance:	ASTM D624	< 40.0 kN / m (228 lbf / in)

PACKAGING

86 cm (34") x 15.24 m (50')

STORAGE

Store indoors, out of direct sunlight, and keep clean and dry prior to application.

INSTALLATION INSTRUCTIONS

HI-TUFF TPO SAFETY WALKWAY rolls can be hot air welded directly to the HI-TUFF TPO roof membrane using a hand welder or an automatic welder.

1. Surfaces to be welded must be clean, dry and free from dust, dirt, greases or oils. If the surfaces are dusty, dirty or have been exposed for more than two weeks, clean the surfaces with LEXCAN SINGLE PLY MEMBRANE CLEANER prior to welding.
2. Position walkway pieces in accordance with approved shop drawings. Use chalk lines to create straight pathways.
3. Cut rolls to maximum lengths of 3 m (10'). Leave a gap of 25 mm (1") between pieces to allow for water drainage.



4. Walkways are permanently applied. Leave a minimum gap of 10 cm (4") over field seams to facilitate future inspections or service.
5. Weld the walkway pieces to the membrane on all sides. Generally, the same speed and temperature setting should be used as welding the main membrane.

CAUTIONS & LIMITATIONS

- HI-TUFF TPO SAFETY WALKWAY is a maintenance item and is not covered under LEXGUARD warranties.
- SAFETY WALKWAY should not be installed within 3 m (10') of a roof edge.

SHORT FORM SPECIFICATION

SPEC NOTE: Make selection from choices in square brackets

Traffic walkways shall be constructed from a 86 cm (34") wide, pre-manufactured yellow heavy gauge un-reinforced TPO, embossed on one side with a slip resistant diamond plate tread pattern. Nominal thickness shall be 4.5 mm (175-mil). Walkway shall be installed in strict accordance with the manufacturer's installation instructions, as per the layout on the [architect; specifier; owner] approved shop drawings.

ACCEPTED PRODUCT: LEXCAN HI-TUFF TPO SAFETY WALKWAY by LEXSUCO CORPORATION (www.lexsucocorporation.com, Tel:800.268.2889, E-Mail: info@lexsucocorp.com).