

DESCRIPTION & USE

Lexcan Heavy Duty Protection Mat is a durable, needle punched polypropylene fabric used as a protective layer for waterproofing membranes. It is resistant to dirt, sunlight, fungi and moisture.

In Lexcan Ballasted Roof Systems:

- Lexcan Protection Mat permits the use of crushed ballast in locales where smooth river stone is expensive or not readily available.
- Lexcan Protection Mat provides enhanced membrane protection in environments where the membrane may be subject to unusual physical abuse.

In Lexcan Protected Membrane Systems:

- Lexcan Protection Mat may be used as a separation layer between a rough substrate and the EPDM membrane.

FEATURES & BENEFITS

- **Heavy Duty Protection** - Lexcan Protection Mat provides excellent protection against cuts, tears and abrasions of the waterproofing membrane.
- **Lightweight** - Lexcan Protection Mat adds little weight to the roof assembly.
- **Easy to Apply** - Lexcan Protection Mat is quickly installed in a loose laid application.
- **Economical** - Lexcan Protection Mat is often the preferred choice for economically protecting the waterproofing membrane.

CAUTIONS & LIMITATIONS

Lexcan Protection Mat offers only limited protection from very sharp objects (i.e.: knives) and cannot be expected to resist a cutting action.

INSTALLATION / SPECIFICATION

Unroll and loose lay Lexcan Protection Mat overlapping all adjacent sheets a minimum of 30 cm (12").

TECHNICAL DATA

Physical Properties	
Thickness	2 mm
Unit Weight	260 g / m ²
Elongation at Break	70-100%
Grab Tensile Strength (CAN/CGSB 148-1)	530 N
Tearing Resistance (CAN/CGSB 4.2)	300 N
Permeability (CAN/CGSB 4.2)	2.6 x 10 ⁻¹ K(cm/s)
Bursting Strength (CAN/CGSB 4.2) (Mullen)	155 MPa