

# TILEMATE

## Open-Truss Roof Underlay

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### **Description**

Tilemate is a high strength laminated membrane consisting of a woven polypropylene sheet bonded to a fibreglass core with rubber modified asphalt. It is designed for use as an underlayment beneath metal, concrete or clay roofing tile. It's high tensile-strength allows it to be used over open-truss construction beneath spaced wood strapping. Available with reflective aluminum foil surface or with plain black surface.

### **Features**

1. Water Barrier: Sheds water which may leak past roofing tiles. "Self-sealing" at nail penetrations due to its rubber modified asphalt.
2. Humidity Barrier: Restricts movement of moisture from humid attic air to underside of roofing tiles.
3. Ice Barrier: Prevents leakage caused by ice build-up in winter at eaves.
4. High Strength: Strong enough to resist fall-through by roofing installers or installer's tools when used over open-trusses.

### **Specifications**

Dimensions:	1 m x 20 m
Thickness:	1.0 mm (40 mils)
Weight:	22.7 kg (50 lbs.) approx.
Reinforcement:	Woven polypropylene plus fibreglass
Coating:	Rubber modified asphalt
Tensile Strength, ASTM D828:	Lineal: 17.5 kN/m (100 lb/in ), of width Transverse: 12 kN/m (68 lb/in ), of width
Puncture Strength, ASTM D4830-98	250 N

### **Performance Specs**

Exceeds requirements of the National Building Code of Canada (1990) for roofing shingle underlayments, and meets Section 9.26.5.2 (d) Eve Protection.

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## **TILEMATE Cont'd**

### **Installation**

Install over trusses beneath wood strapping. If it is necessary to leave membrane exposed to sunlight for more than two weeks install woven side down to avoid UV damage to high strength polypropylene. Overlap all edges a minimum of 50 mm (2") to shed water.

### **Limitations**

Prolonged exposure to U.V. radiation (sunlight) will reduce the strength of the woven polypropylene thus reducing its ability to withstand heavy loads.

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