

# Mastermax Premium 100

## Roof Underlayment

### Description

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Vapor-permeable and watertight function membrane with polypropylene layer protection on both sides.

### Usage

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Vapor-permeable underlay for roofing. Used as a protective layer against moisture (liquid water penetration, Wind-blow snow). The product is laid directly over the plywood or solid support, parallel to the eaves with minimum 10cm (4 inch) overlapping and the printed side to the roof. The underlay is fixed to the plywood with roofing nails or nails with plastic cap.

### Features

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#### **Linopore UV+: the patented UV protection against aging**

The sun's ultraviolet rays, with wavelengths of between 10 and 80 nanometers, attack the bonds of the polymer chains. That is the reason why roofs suffer early when inferior sarking membranes are used. MASTERPLAST produces the microporous membrane named **Linopore UV+** which also called HALS (hindered amine light stabilizers) protect these layers against aging, independent of their thickness and color.

Thus, even after an aging test at 100°C, it retains 80 percent of its tear resistance and tensibility. Just compare that to the EN 13859 norm, which detects the durability after UV exposure and heat aging at only 90°C.

MASTERPLAST inline produces the polypropylene fleece with widths of up to 5.60 meters, coating it with a polypropylene film. This patented functional layer, with its sd value of 0.02 meters, makes it highly water vapor permeable as well as resistant to water penetration. Moreover, when the roof materials are dark, it gets hot on a roof. Therefore, **Linopore UV+** make sure the sun will hardly do any harm to the roof. Also,

the sarking membrane's coating ensures increased UV stability and heat resistance, making it ideal for dark roofs and as a makeshift roofing.

- Easy to install
- Prevents water from penetrating
- Remains breathable to permit unwanted moisture escaping
- Maintains a cost-effective price point
- Greater tear than asphalt felt
- Slip-resistant surface
- Lightweight
- Use with asphaltic-shingle roof systems and slate and wood, metal or tile

### **Benefits for installer**

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- Strong UV and heat protection
- Excellent water vapor transmission
- High tensile strength
- Easy installation

### **Packaging**

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- Width per roll 1.5 m / 4.92 ft
- Length per roll 50 m / 164.04 ft
- Weight per roll 8 kg / 17.6 lb
- Roll size 75 m<sup>2</sup> / 807.29 sq ft
- Rolls per pallet 25
- Product Code MNH-3060

### **Storage**

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Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources as well as against moisture.