

# A fine layer of protection A profound depth of support



**BMI**

**EVERGUARD**

A complete roofing solution  
with multilayered performance  
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# EverGuard TPO

## Single Ply Roofing System

EverGuard is a single ply flat roof system incorporating a thermoplastic polyolefin (TPO) waterproofing membrane, complete with insulation, vapour control layer, mechanical fixings and a range of accessories.

### PRODUCT DATA

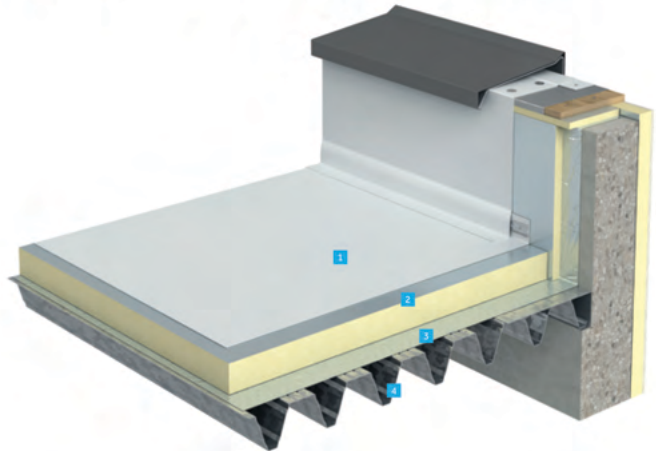
Material	TPO (thermoplastic polyolefin) with polyester reinforcement
Thickness	1.1 mm, 1.5 mm, 1.8 mm and 2.0 mm
Width	1.52 m and 3.03 m
Roll Length	30 m (dependent on thickness)
Colour	White or Grey

Designed for mechanical fixing on exposed roofs and under ballast in all climate conditions, EverGuard TPO is a hot-air weldable roof membrane with high dimensional stability and strength. Featuring knitted scrim reinforcement, EverGuard TPO is unique to the market, allowing high wind uplift values.

- 1 BMI EverGuard TPO Membrane (1.2 mm, 1.5 mm, 1.8 mm or 2.0 mm)
- 2 FM Approved System: PIR aluminium foil-faced / glass tissue-faced insulation board
- 3 BMI approved vapour control layer
- 4 Substrate construction (metal deck shown) by others

### FEATURES & BENEFITS

- EverGuard TPO outperforms its competitors in excellent weldability, high wind uplift values, heat-aging and UV tests – the best predictors of TPO performance.
- An independent TPO study showed EverGuard TPO 1.5 mm membrane to demonstrate superior accelerated aging performance. Following accelerated heat aging at 135 °C for 105 days, EverGuard 1.5 mm TPO showed no cracking.
- The welding characteristics make it easy to install.



### APPROVALS / CERTIFICATION

- Polymeric sheets for waterproofing according to EN 13956, certified by the notified body 1213-CPR-6897 and provided with the CE mark.
- Reaction to fire according to EN 13501-1. Product fire Class E.
- External fire performance tested according to ENV 1187 and classified according to EN 13501-5: BROOF(t1)\* and BROOF(t4)\*.
- Monitoring and assessment by approved laboratories.
- KOMO certificate.



### PT. MONIER (Kantor Pusat)

Graha Mobisel Lantai 4. Jl. Mampang Prapatan Raya No. 139, Jakarta 12790

Telp. + 62 21 7918 1112 Fax. + 62 21 7918 1102 email : contact.indonesia@bmgigroup.com