

# A fine layer of protection. A profound depth of support.



**BMI** **EVERGUARD**

A complete roofing solution with  
multilayered performance

[monier.com.my](http://monier.com.my)

# Layers of performance create enduring protection.



**Your roof is only as strong as the layers of performance that create it.**

So, BMI EverGuard takes a structured approach. A layer of innovation in technology and design ensures advanced performance and visibly great outcomes. A layer of industry expertise makes BMI EverGuard quick to install and quick to repay your investment. A layer of outstanding service delivers exceptional technical support, contractor training and guarantees.

And a layer of high-performance BMI insulation reduces energy bills. It all adds up to long-term protection for your investment, assets and people.



## A COMPLETE ROOFING SOLUTION

BMI EverGuard is a flat roof system with a thermoplastic polyolefin (TPO) membrane, complete with a layer of BMI insulation, VCL, approved fasteners and an extended range of accessories, installed on more than 300 million square metres of roofs across the world.

Over 18 years of proven success, its multilayered benefits have gone beyond product performance to deliver a comprehensive system solution. One underpinned by certifications, approvals and guarantees – and by our BMI RoofPro contractor programme, ensuring that those certified to install EverGuard are experts in building lasting layers of protection, performance and peace of mind into every roof.

### LAYERS BEYOND YOUR EXPECTATIONS, BROUGHT TO YOU BY BMI

BMI EverGuard is part of the full range of BMI roofing systems. Formed following the merger of Braas Monier and Icopal, we carry the rich heritage of our founders with the pioneering spirit of a world leader in roofing. Carrying more than 50 years' experience in the European flat roofing synthetics market, our portfolio of strong, proven brands includes Wolfin and Icopal Synthetic Membranes.

And alongside this portfolio, our consultative approach helps us devise and deliver lasting benefits and minimise business downtime. BMI offers a wide range of systems and solutions that bring to life our driving mission to find the right roof to meet your long-term needs.



Over  
**300**  
million  
square metres  
installed globally

# More benefits in every layer.

**BMI EverGuard** delivers multiple benefits for your roof – as a hardwearing, reliable TPO product and a complete solution.

## LONG-LASTING DURABILITY

There's a reason we call it EverGuard. It's amongst the most durable, robust and high-endurance roofing membranes available – designed to protect your investment, assets and people above all.

## EXCEPTIONAL WELD STRENGTH

Stronger weldability enables higher levels of weatherproof performance for longer.



## WIND UPLIFT AND WEATHER RESISTANCE

BMI EverGuard TPO offers excellent wind uplift performance, requiring less fixings per square metre, and exceptional waterproofing – so, whatever the weather has in store, your business and your people can thrive under its protection.

## SUPERIOR CHEMICAL RESISTANCE

Capable of withstanding harsh chemicals and compounds, EverGuard is designed to safely protect your investment across a wide range of industrial scenarios.

## ENHANCED SUSTAINABILITY

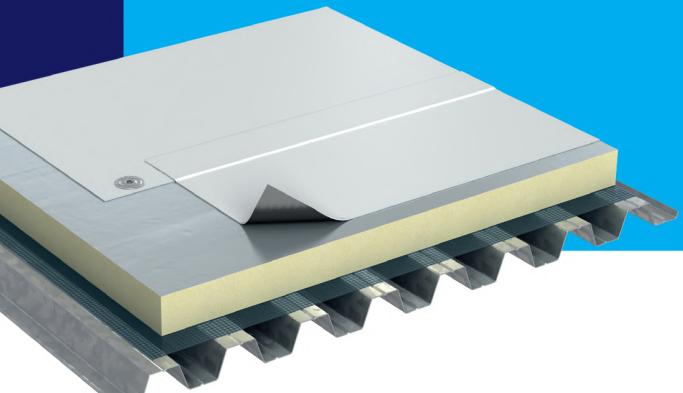
BMI EverGuard's innovative and sustainable build quality eliminates plasticisers and HFCs, all while contributing to lower energy costs through improved thermal performance.

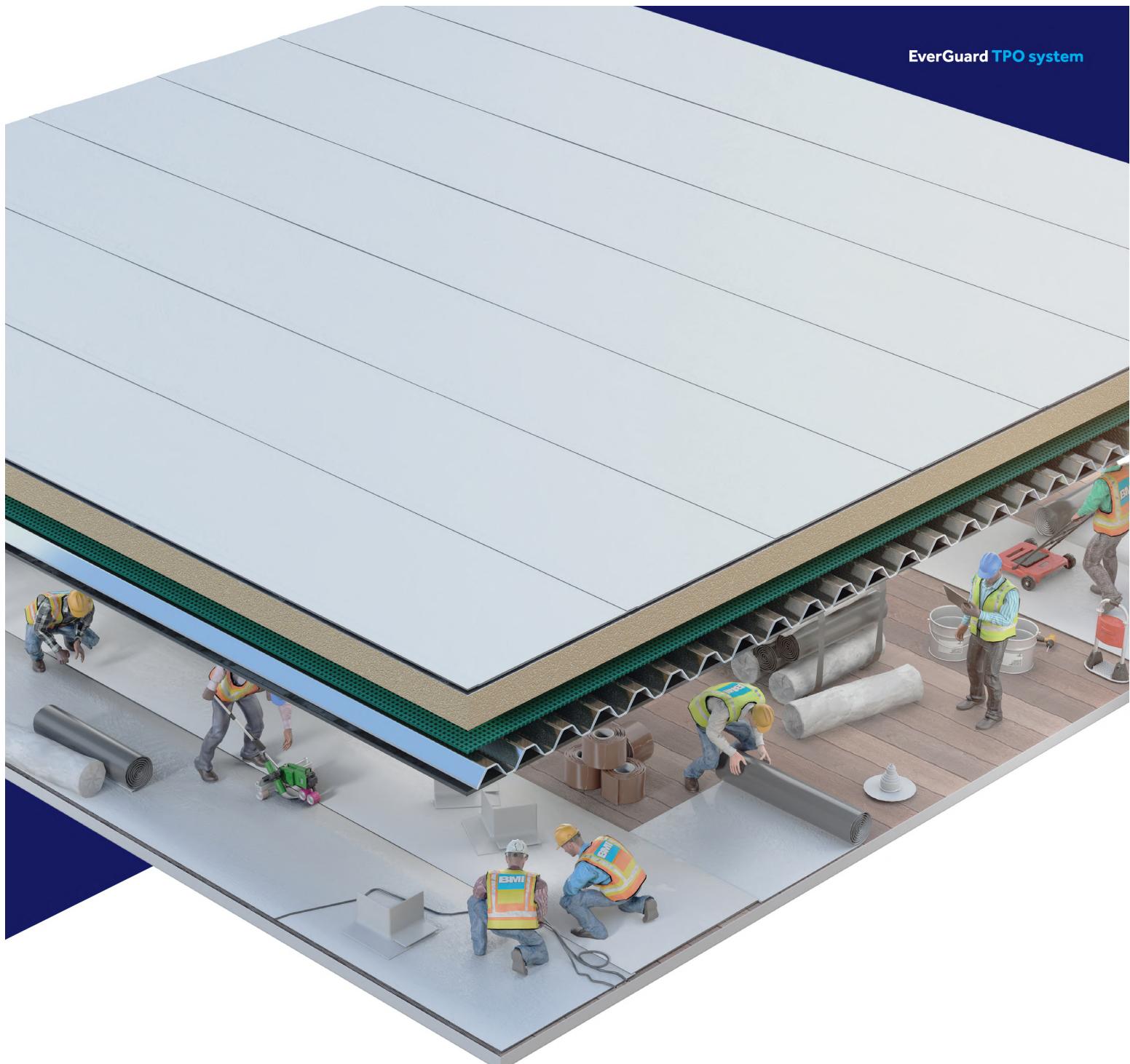
## FASTER, EASIER INSTALLATION

Undertaken by BMI RoofPro certified contractors, with a full range of compatible accessories, BMI EverGuard cuts the cost of downtime by minimising disruption to the working life of your building.

## RISK-FREE

As a complete solution it is covered by a choice of three levels of guarantee appropriate to your need. Together with a range of industry standard certifications, we've eliminated the biggest sources of risk for your roof.

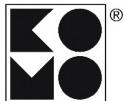




- Airports
- Arenas
- Commercial buildings
- Schools & universities
- Hospitals & healthcare
- Industry & warehousing
- Retail

### CERTIFIED PERFORMANCE FOR A WIDE RANGE OF SECTORS

The layers of protection within BMI EverGuard are ideal for a whole host of businesses, buildings and roof types. In mechanically fixed applications, it carries certifications and approvals to meet the most demanding client needs – a versatile, rapidly installed solution that's made to last.



# **EverGuard in action: Proven performance in Europe.**



## **CASE STUDY AMAZON LOGISTICS**

The benefits of BMI EverGuard as a complete TPO solution have been repeatedly shown across Europe and the USA.

One project in Spain, for example, saw 130,000m<sup>2</sup> of BMI EverGuard installed at a new Amazon logistics centre. After originally specifying a different solution, the client quickly realised the benefits of BMI EverGuard as a complete system.

Working consultatively with the global insurer Factory Mutual (FM) and the

installation team, our technical specialists secured FM Approved class 4470 status for the whole solution – creating a roof to keep Amazon's logistics team moving and thriving, safe under its protection.

**Other projects, collaborating with multinational brands including LIDL, IKEA and Crown, have seen BMI EverGuard specified and installed across hundreds of thousands of square metres of roof space in Europe – delivering long-lasting protection.**



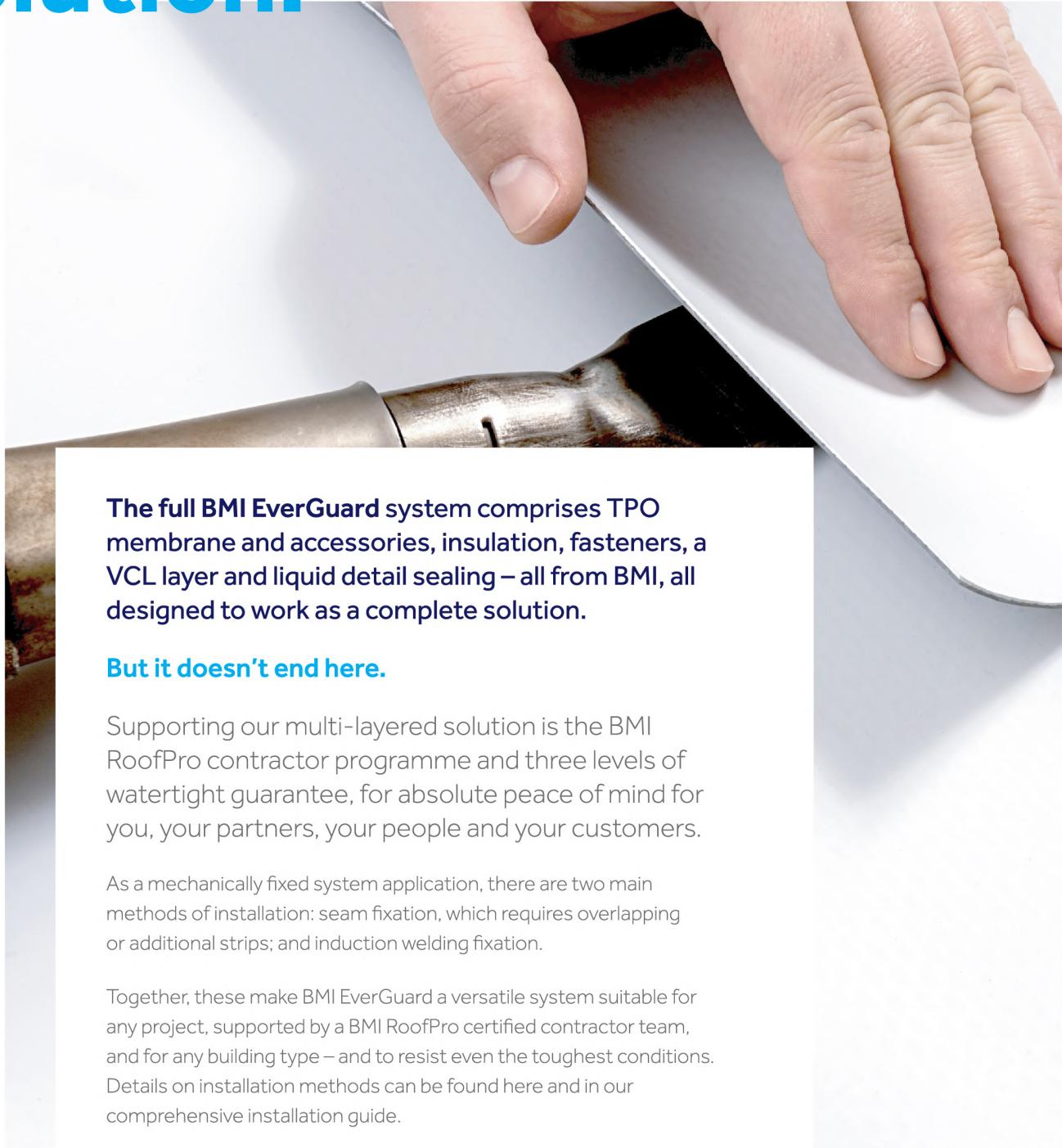
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# A comprehensive solution.



**The full BMI EverGuard system comprises TPO membrane and accessories, insulation, fasteners, a VCL layer and liquid detail sealing – all from BMI, all designed to work as a complete solution.**

## **But it doesn't end here.**

Supporting our multi-layered solution is the BMI RoofPro contractor programme and three levels of watertight guarantee, for absolute peace of mind for you, your partners, your people and your customers.

As a mechanically fixed system application, there are two main methods of installation: seam fixation, which requires overlapping or additional strips; and induction welding fixation.

Together, these make BMI EverGuard a versatile system suitable for any project, supported by a BMI RoofPro certified contractor team, and for any building type – and to resist even the toughest conditions. Details on installation methods can be found [here](#) and in our comprehensive installation guide.

## ROOF INSULATION

BMI offers a range of insulation types as part of the BMI EverGuard system.

To obtain the BMI EverGuard system guarantees, BMI supplied insulation and accessories must be used.

We offer the following insulation types:

**PIR WITH ALUMINIUM FOIL OR MINERAL GLASS TISSUE FACINGS**

**STONE MINERAL WOOL**

**EPS (EXPANDED POLYSTYRENE)**

## BROOF T1 EXTERNAL FIRE CLASS CERTIFICATION

EverGuard TPO Membrane Thickness	Membrane Attachment	Protection Layer	Insulation	Vapour Control Layer	Substrate**	Roof Pitch
All thicknesses*		None	Foil-faced or glass tissue-faced PIR	Optional		
All thicknesses*	Mechanical	None	Stone mineral wool	Optional	Profiled steel, concrete or wood	< 20°
Minimum 1.5mm*		120g/m <sup>2</sup> glass fleece	EPS	Required		

\* Approved membrane colours include white and grey.

\*\* Continuous wood deck, non-perforated trapezoidal steel deck or concrete with gaps not exceeding 5mm.

## EVERGUARD TPO ACCESSORIES

EverGuard TPO accessories have been individually designed to ensure total compatibility and ease of application and play a vital role in achieving the total integrity of the EverGuard TPO waterproofing system.

### VAPOUR CONTROL LAYER

BMI supplies a range of high performance polyethylene and bituminous vapour control layers for use in the BMI EverGuard roof system, including loose laid or self adhesive VCLs.

### PROTECTION, SEPARATION & LEVELLING LAYERS

In certain applications, the roofing membrane has to be separated from other incompatible elements or protected against mechanical damage. Where this is the case, a geotextile separation or protection fleece should be installed as part of the roof build up.

**For details of the full product range available for the BMI EverGuard TPO system, please refer to the BMI EverGuard installation guidelines.**

# Three layers of guarantee.

**Whether you're a building owner or a contractor, you don't just want a roof that performs. You want a roof that you don't need to worry about; one that won't let you down – that you can rely on to keep your business running with a low cost of ownership.**

That's why the multi-layered nature of BMI EverGuard extends to three layers of guarantee, so you're covered at every level to suit your specific requirements. And through rapid response times and regular, in-depth inspections during construction, we ensure that you get a roof system completely in accordance with our technical installation guidance.

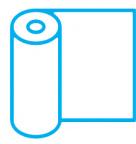
## BMI PRODUCT GUARANTEE

Covering all thicknesses of EverGuard for 10 years. This product guarantee reassures you that the membrane material has been correctly produced to meet all relevant standards covered by the guarantee. Cover limited to material replacement.

## BMI SYSTEM GUARANTEE

By selecting all the components of the BMI System (membrane, details, fixings, insulation and VCL), 'Edge to Edge' cover is guaranteed for up to 25 years\*, depending on membrane thickness.

\*Depending on the thickness of the membrane and the climate in Malaysia



**BMI EVERGUARD**



**GUARANTEE**



**ACCESSORIES**



**GUARANTEE**







**EVERGUARD**

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