

THE INTELLIGENT ROOF INSULATION

FOR SMART BUILDINGS

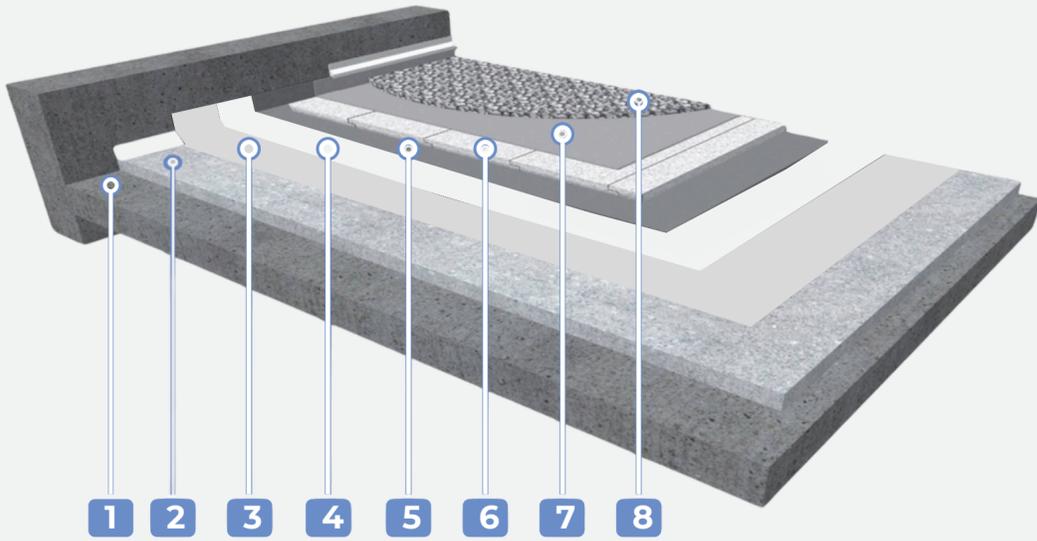
BIG Global



Roof Insulation System is the smart way to keep buildings cooler, stronger, and more efficient. Engineered with high-performance insulation boards such as EPS, Grey EPS, and XPS, it blocks heat from above, lowers energy costs, and protects the roof for years. Perfect for modern roofs, gardens, and parking decks, built to perform in the toughest climates.

- ✓ Keeps interiors cool under extreme heat.
- ✓ Blocks moisture and roof damage.
- ✓ Cuts cooling costs and energy use.
- ✓ 100% recyclable & LEED-compliant.
- ✓ Built to last for decades.
- ✓ High Compressive Strength





ROOF INSULATION COMPONENTS

- 1 Structural Roof Slab
- 2 Slope Screed (Cement Mortar)
- 3 Epoxy Primer
- 4 Waterproofing Membrane
- 5 Protection Layer (Mortar)
- 6 Thermal Insulation Layer
- 7 Geotextile Sheet
- 8 Decorative Finish Layer



Structural Roof Slab (RCC)

Provides the main load-bearing structure of the roof.



Slope Screed (Cement Mortar)

Creates the slope for water drainage and smooth base for waterproofing application.



Epoxy Primer

Improves adhesion between screed and waterproofing membrane.



Waterproofing Membrane

Provides a watertight barrier preventing leakage into the structure.



Protection Layer (Mortar)

Guards the membrane from mechanical damage.

Insulation Layer Options



OHANA EPS: Lightweight & economical insulation for flat roof systems.



OHANA Grey EPS: Graphite-enhanced EPS offering superior roof thermal performance.

OHANA XPS: High-density, water-resistant insulation ideal for inverted and exposed roofs.



Geotextile Sheet

Separates and protects insulation from top finishes.



Finishing Layer

Durable, aesthetic surface suitable for modern roofs, gardens, & parking decks.



ABOUT US



Building Trust Since 1981

With over 40 years of experience, THRAKON stands as one of Greece's leading manufacturers of building materials and insulation systems. From advanced ETICS solutions to mortars, waterproofing, and decorative finishes, THRAKON products have powered thousands of construction projects across Europe and beyond, blending innovation, reliability, and Mediterranean craftsmanship.



Engineering Polystyrene Solutions

Founded in the UAE in 2018, OHANA Industries LLC brings together over 7 years of manufacture high-grade EPS, Grey EPS and XPS solutions from a 300,000 sq ft state-of-the-art facility in Musaffah, Abu Dhabi. Today, OHANA serves the UAE, Oman with innovative, eco-friendly construction, insulation, art & decorations & packaging materials – built for performance, delivered with integrity.

FOR THE INSIGHTS & UPDATES

