INSUTECH

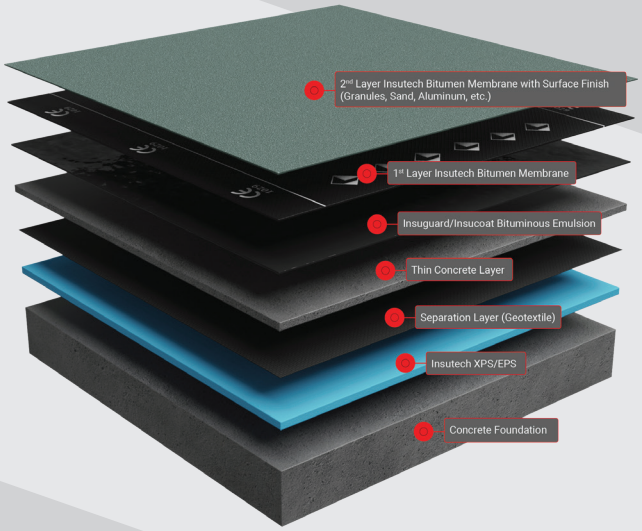
FULL INSULATION SYSTEM

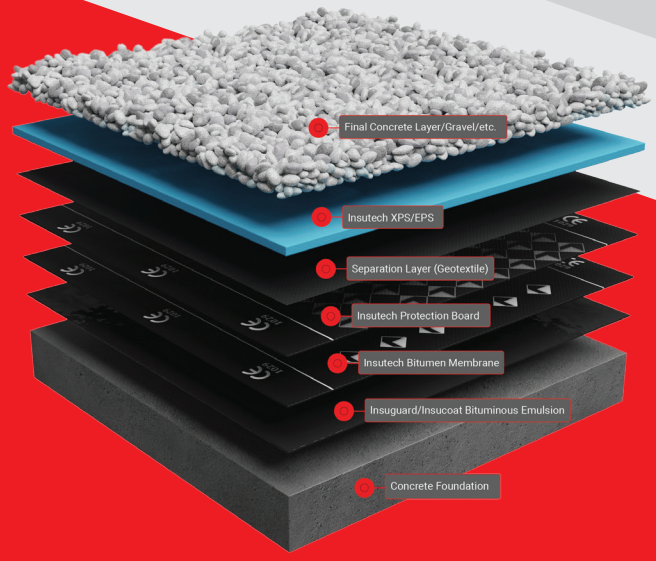
INSUTECH provides a complete insulation system designed to cover every stage of protection. From liquid emulsions and primers to waterproofing membranes, protection boards, XPS, and EPS, Insutech delivers fully integrated solutions that ensure durability, efficiency, and long-lasting performance. With Insutech, customers gain the confidence of a trusted partner offering all insulation needs in one seamless system.

INSUTECH

EXPOSED ROOF SOLUTION

1. **Concrete Foundation** – Provides the structural base.
2. **Insutech XPS/EPS** – Delivers thermal insulation and energy efficiency.
3. **Separation Layer (Geotextile)** – Prevents mechanical damage and allows system compatibility.
4. **Thin Concrete Layer** – Creates a smooth, stable surface for membrane application.
5. **Insuguard/Insucoat Bituminous Emulsion** – Acts as a primer for enhanced adhesion.
6. **1st Layer Insutech Bitumen Membrane** – Ensures initial waterproofing protection.
7. **2nd Layer Insutech Bitumen Membrane with Surface Finish** – Reinforces waterproofing while providing surface protection with finishes such as granules or aluminum.



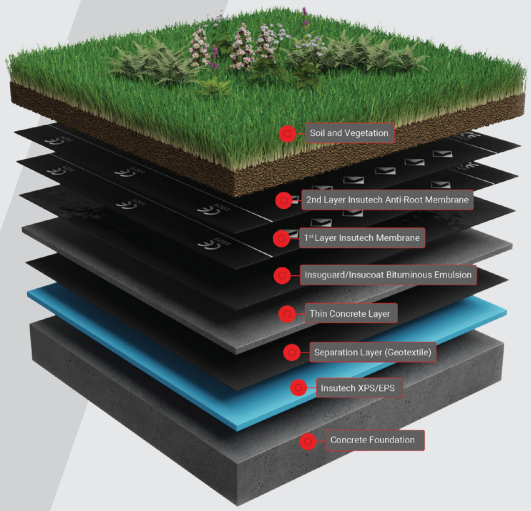


NON-EXPOSED ROOF SOLUTION

1. **Concrete Foundation** – Provides the structural base of the system.
2. **Insuguard/Insucoat Bituminous Emulsion** – Serves as a primer to enhance adhesion.
3. **Insutech Bitumen Membrane** – Delivers primary waterproofing protection.
4. **Insutech Protection Board** – Shields the membrane from mechanical damage.
5. **Separation Layer (Geotextile)** – Prevents material incompatibility and improves system stability.
6. **Insutech XPS/EPS** – Provides thermal insulation and energy efficiency.
7. **Final Concrete Layer/Gravel/etc.** – Acts as the protective top layer, ensuring durability and weather resistance.

GREEN ROOF SOLUTION

1. **Concrete Foundation** – Provides the structural base.
2. **Insutech XPS/EPS** – Ensures effective thermal insulation.
3. **Separation Layer (Geotextile)** – Adds protection and system compatibility.
4. **Thin Concrete Layer** – Prepares a stable and smooth surface.
5. **Insutech Bituminous Emulsion** – Functions as a primer for strong adhesion.
6. **1st Layer Insutech Membrane** – Provides reliable waterproofing.
7. **2nd Layer Insutech Anti-Root Membrane** – Prevents root penetration.
8. **Soil and Vegetation**



Building 77, S-Teseen St., 5th Settlement, New Cairo - Egypt
www.insutech-eg.com info@insutech-eg.com
+20 2 2322 8200 / INSUTECH EGYPT

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