



# INSUTECH

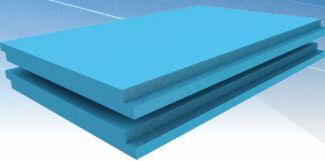


ISO 9001: 2015  
ISO 14001: 2015  
ISO 45001: 2018



CE  
1029

**INSUTECH BLUE XPS INSULATION BOARDS** are manufactured from extruded polystyrene foam with a closed-cell structure, delivering high compressive strength and near-zero water absorption. This protects the board's thermal resistance from long-term degradation, ensuring stable insulation performance in below-grade, roofing, and envelope applications



# Applications



Energy Efficient



Water Resistant



Easy to Install



Lightweight



Superior Thermal Insulation



High Compressive Strength

| Product                       | INSUTECH XPS |                              |                                                                        |                   | ECO FOAM | BLUE FOAM | ISO FOAM | INSU FOAM |
|-------------------------------|--------------|------------------------------|------------------------------------------------------------------------|-------------------|----------|-----------|----------|-----------|
| PROPERTIES                    | CODE         | TEST METHOD                  | Description                                                            | Unit              | Value    |           |          |           |
| Density                       | -            | BDS EN 1602                  | -                                                                      | Kg/m <sup>3</sup> | 26:28    | 29:31     | 32:36    | 36:40     |
| Thermal Conductivity          |              | BDS EN 12667:2004            | Value measured at a mean temperature of 10°C                           | W/m.k             | 0.033    | 0.033     | 0.033    | 0.033     |
| Thermal Resistance            | RD           | BDS EN 12667:2004            | Value at mean temp 10°C, related to thickness (RD = d/D)               | 20mm              | -        | -         | -        | 0.6       |
|                               |              |                              |                                                                        | 30mm              | 0.9      | 0.9       | 0.9      | 0.9       |
|                               |              |                              |                                                                        | 40mm              | 1.2      | 1.2       | 1.2      | 1.2       |
|                               |              |                              |                                                                        | 50mm              | 1.5      | 1.5       | 1.5      | 1.5       |
|                               |              |                              |                                                                        | 60mm              | 1.8      | 1.8       | 1.8      | 1.8       |
|                               |              |                              |                                                                        | 70mm              | 2.1      | 2.1       | -        | -         |
|                               |              |                              |                                                                        | 80mm              | 2.4      | 2.4       | -        | -         |
|                               |              |                              |                                                                        | 90mm              | 2.7      | 2.7       | -        | -         |
|                               |              |                              |                                                                        | 100mm             | 3        | 3         | -        | -         |
| Compressive Strength          | CS (10/Y)    | BDS EN 826:2013              | @10% deformation                                                       | KPA               | 150      | 200       | 250      | 300       |
| Dimensional Stability         | DS (TH)      | EN1604                       | Storage 48 h at 70° C, -90% relative humidity – variation in thickness | %                 | <5       | <5        | <5       | <5        |
| Water Diffusion Resistance    | MU           | BDS EN 12086:2013 12087:2013 | Value measured at a mean temperature of 22° C                          | μ                 | ≥200     | ≥200      | ≥200     | ≥200      |
| Water Absorption by Immersion | WL(T)        | BDS EN 12087:2013            | Total immersion for 7 days, Method 2A                                  | % Volume          | ≤0.7     | ≤0.7      | ≤0.7     | ≤0.7      |

L-SHAPE

NORMAL SHAPE



Density  
40-26 Kg/m<sup>3</sup>



Thickness  
10-2 cm

## Bitumen Emulsions



**INSUTECH** Cold-Applied Bitumen Emulsions provide an effective primer and first waterproofing layer with excellent adhesion and easy application. Formulated for flexibility and durability, they are designed to meet the demands of a wide range of waterproofing applications while ensuring reliable long-term performance.



COLD  
APPLIED



TOUCH DRY 2 HRS



EMULSION WATER  
RUBBER, SOLVENT BASE

## APP / SBS Membranes



**INSUTECH** offers a complete range of APP and SBS modified bitumen waterproofing membranes, engineered to perform reliably under diverse climatic conditions and project requirements.



**INSUTECH** Self-Adhesive Membrane offers superior waterproofing performance with a safe, torch-free installation. Engineered to combine maximum safety, fast application, and lasting durability in one integrated waterproofing system.



SLATED MINERALS



SAND



ALUMINUM



BLACK



RED



GREEN



GRAY



YELLOW  
SAND



WHITE  
SAND

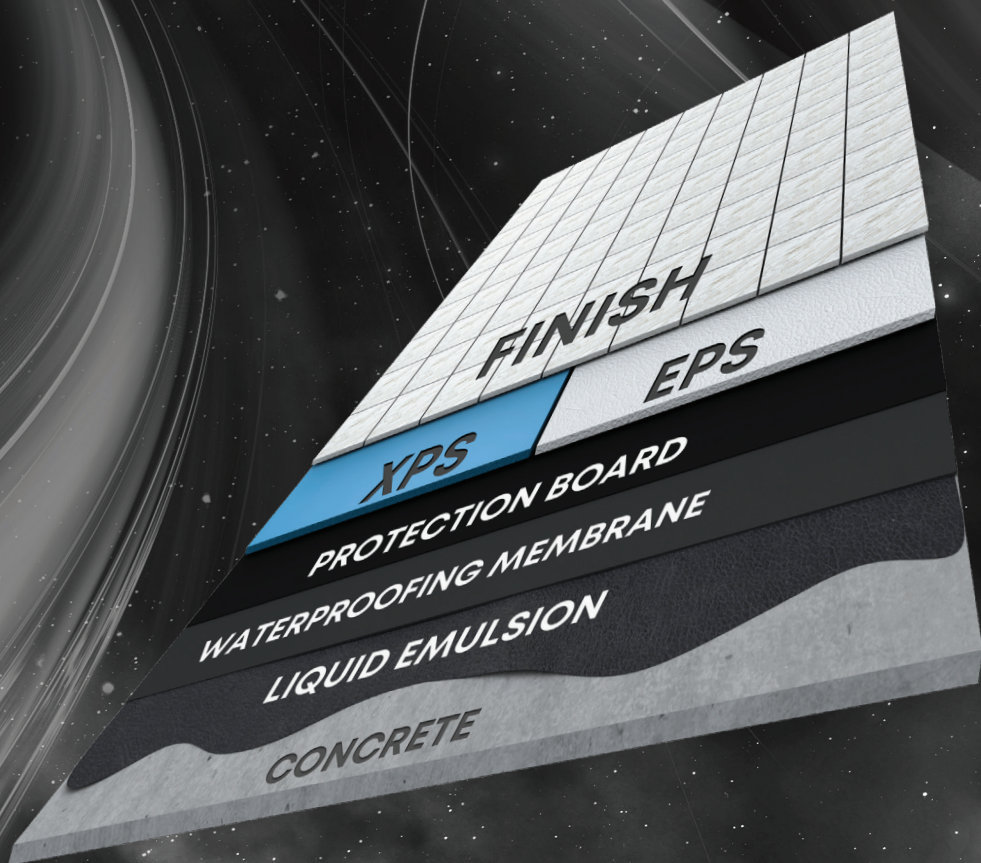


ALUMINUM

| Product               | APP                                                                      | SBS                                         |
|-----------------------|--------------------------------------------------------------------------|---------------------------------------------|
| Product               | For hot climate conditions                                               | For cold climate conditions and below-grade |
| Softening Point (°C)* | ≥ 150                                                                    | 110-120                                     |
| Thickness             | 2 - 5mm                                                                  |                                             |
| Reinforcements        | Fiberglass / Polyester / Reinforced Polyester / Compound Base/ Composite |                                             |



Store in a dry place away  
from direct sunlight



**INSUTECH**

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**INSUTECH FOAM PLANT:**  
B2-J28, 2<sup>nd</sup> Industrial Zone  
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