



WATERPROOFING

for Cold Climate Countries

Technical Performance Guide by **Standart Insulation**

In cold regions, waterproofing systems face extreme stress. Improper selected membranes can fail prematurely. Proper selection is crucial to ensure long-term durability and structural protection under sub-zero conditions.

1 Low Temperature Brittleness



At sub-zero temperatures, membranes must remain flexible to prevent cracking and adhesion loss.

2 Freeze-Thaw Cycles



Repeated expansion and contraction require membranes with high elongation and crack-bridging performance.

3 Snow Load & Ice Formation



Roofs must support heavy snow loads and withstand ice dam formation over time.

4 Structural Movement



Buildings contract and expand with temperature fluctuations. Membranes need superior flexibility.

RECOMMENDED SOLUTION

SBS Modified Bitumen Membranes

- Excellent Low-Temperature Flexibility
- High Elongation Capacity
- Superior Crack-Bridging Performance.
- Strong Adhesion to Concrete Substrates.



- Highly flexible SBS membranes excel during freeze-thaw cycles and structural movement.

BENEFITS

- Northern Europe
- North America
- Russia
- Central Asia
- Central Asia

SBS modified bitumen membranes excel in cold climates, providing superior flexibility and crack-bridging performance.