

# WATERPROOFING

## for Hot Climate Countries

Technical Performance Guide by **Standart Insulation**

In high-temperature countries, waterproofing systems face extreme stress. Poorly selected membranes can fail prematurely. Proper selection is crucial to ensure long-term durability and structural protection under severe UV and

### 1 High Surface Temperatures



Membranes must withstand temperatures exceeding **70-80°C** without softening.

### 2 Intense UV Radiation



UV degradation accelerates membrane aging. UV stability is critical for exposed roofs.

### 3 Thermal Expansion & Contraction



Repeated heating & cooling cycles cause membrane fatigue and joint stress.

### 4 Oxidation Risk

- Accelerated oxidation leads to brittleness and cracking.

## RECOMMENDED SOLUTION

### APP Modified Bitumen Membranes

- ✓ Excellent High-Temperature Resistance
- ✓ Superior UV Stability
- ✓ Resilience to Thermal Aging
- ✓ UV-Protected Mineral Surface for exposed roofs



- ✓ Sating for UV protection.

## BENEFITS

### • Ideal for Middle East, Africa, Southeast Asia

- ✓ Less repair frequency
- ✓ Improved lifecycle costs
- ✓ Long-term durability

**APP** modified bitumen membranes excel in hot climates, offering UV stability and heat offering UV stability and heat resilience.