

# THERMOTEK™ ROOFING MEMBRANES



# THERMOTEK™ ROOFING MEMBRANES

**THERMOTEK™ GROUP** has more over than 20 years of manufacturing and distributing experience on the international Roofing Industry.

**THERMOTEK™ MEMBRANES** encompass the qualified waterproofing compounds and high quality asphalt suitable to meet different needs of many substrates; our Modified Bitumen Membranes provide a durable roof covering that surpasses the demands of owners, managers and contractors.

## TORCH MEMBRANES

Our Torch Membranes are resilient modified bitumen membranes with APP (Atactic Polypropylene) single-compound. Their core is a strong non-woven polyester or fiberglass mat which provides their high functionality characteristics, superior weathering resistance and outstanding waterproofing protection. Available in cap sheets and base sheets.



## SELF ADHESIVE MEMBRANES

Our Self Adhesive Membranes are modified bitumen membranes with SBS (Styrene-Butadiene-Styrene) dual-compound, special adhesives, and non-woven polyester or fiberglass mat designed to meet industry and code requirements. Their modified asphalt formula and waterproofing characteristics provide an excellent membrane adherence and lap adhesion to the surface. Available in cap sheets and base sheets.

# FEATURES AND ADVANTAGES

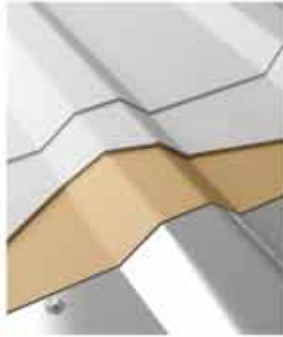
**THERMOTEK™ MEMBRANES** unique formulation includes the APP or SBS dual-compound, the highest quality polymers, modifiers and asphalt to create a watertight assembly upon installation. Our membranes are compatible with every common substrate like:



**BUR**



**CONCRETE**



**METAL**



**ASPHALT BUILT-UP**



**WOOD**

## FEATURES

- Easy folding process.
- Enhances sealability.
- Longitudinal lap free of granule.
- Granule or smooth top finish surface.
- Improve imperfect seams.
- Easily and quick application.

## ADVANTAGES

- Excellent UV Resistance.
- High tensile strength.
- Dimensional stability.
- Resistant to thermal shock.
- Exceptional weathering characteristics.
- Available in torch and self-adhesive.



# APPLICATION PROCESS



## SURFACE PREPARATION

Prior application, the surface must be clean, dry, and free of any oil, grease, dirt, dust, water and debris.



## PRIMER APPLICATION

Prime the entire surface by using a solvent-based or water-based asphalt primer and allow it to dry.



## DETAILS

Review all the details and critical points over the entire surface.



## CRITICAL POINTS

Repair them with asphalt primer and THERMOTEK™ USA PRO POLYESTER BASE SHEET.



## TORCH MEMBRANE APPLICATION PROCESS

Unroll the membrane and apply heat on the bottoms by a regulated blow torch. For a successful bleeding, press the side laps.



## SELF ADHESIVE MEMBRANE APPLICATION PROCESS

Unroll the membrane and remove the non-stick film from one side and adhere it to the surface, perform the same procedure for the other side.

# THICKNESSES AND COLORS

**THERMOTEK™ ROOFING MEMBRANES** provide a range of base sheets, and color selection for granulated cap sheets for a variety of applications and combinations.

SELF ADHESIVE			
THICKNESS	SURFACE	POLYESTER	FIBERGLASS
<b>THERMOTEK™ SELF ADHESIVE BASE SHEET</b>			
1.5 MM	SMOOTH / SANDED		★
2.0 MM		★	
<b>THERMOTEK™ SELF ADHESIVE CAP SHEET</b>			
2.5 MM	GRANULE		★
3.0 MM		★	
3.5 MM		★	

TORCH		
THICKNESS	SURFACE	POLYESTER
<b>THERMOTEK™ USA PRO BASE SHEET</b>		
2.0 MM	SMOOTH / SANDED	
3.8 MM		★
<b>THERMOTEK™ USA PRO CAP SHEET</b>		
3.5 MM	GRANULE	
4.0 MM		★
4.5 MM		
5.0 MM		

## GRANULATED CAP SHEETS



WHITE

LIGHT BROWN

DARK BROWN



BUFF

WEATHER WOOD

SLATE

## BASE SHEETS



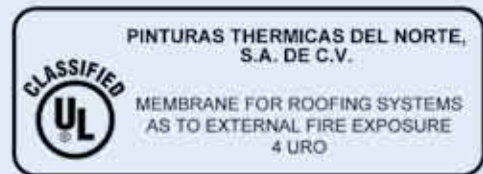
BLACK

SANDED

SMOOTH

## APPROVALS AND CERTIFICATIONS

All our Modified Bitumen Membranes are certified by **ASTM D-5147** which measures thickness, tensile strength and elongation, low temperature flexibility, dimensional stability, aging, etc.



For more information please visit our website  
<http://www.thermotekgroup.com>



**San Antonio, TX**

18756 Stone Oak Parkway Suite 200  
San Antonio, TX 78258  
Office 217  
P.: 214-881-6064

**Laredo, TX**

P.O. Box 1209 San Dario  
Ave. PMB 7 – 1 Laredo, TX  
78040-4515

**Peoria, AZ**

16165 N 83<sup>rd</sup> Ave Suite 200  
Peoria, AZ 85382  
P.: 623-888-3000