

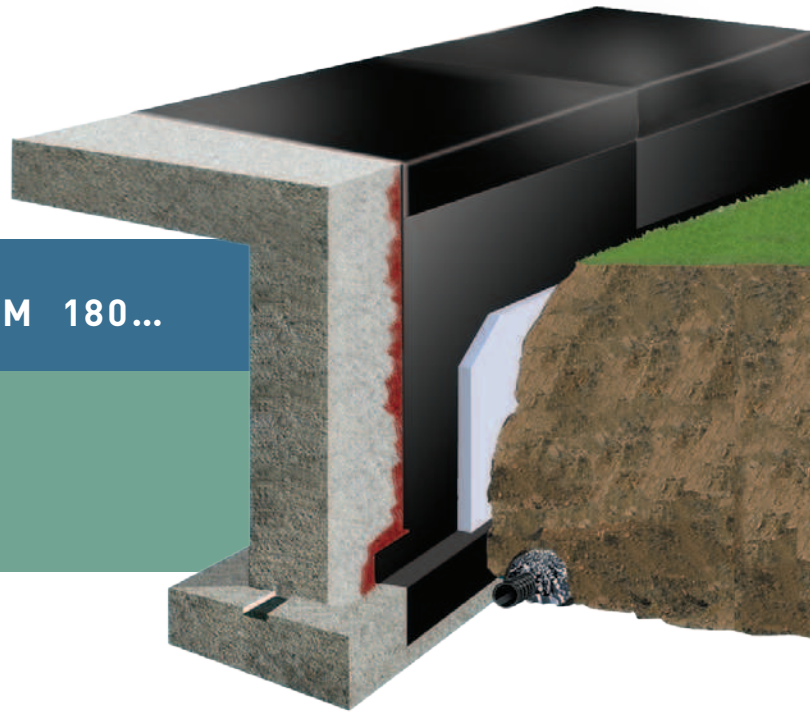


HEAT APPLIED SOLUTIONS FOR WATERPROOFING FOUNDATIONS

AND BELOW-GRADE VERTICAL WALLS

SOPRALENE FLAM
180





WHY APPLY SOPRALENE FLAM 180...

- Stops below-grade moisture penetration year-round
- Made from the most reliable heat applied SBS modified bitumen in the industry
- High performance in a wide range of temperatures

APPLICATIONS

SOPRALENE FLAM 180 is used in many industrial, commercial and institutional applications:

- Basement walls
- Plaza decks
- Tunnels
- Balconies
- Planters
- Below-grade vaults

ADVANTAGES

SOPRALENE FLAM 180 is a heat applied, rubberized asphalt waterproofing membrane with multiple advantages:

- Dimensionally stable with a defined, consistent thickness
- No solvents with membrane application
- No application temperature restrictions - when stored properly, membrane is efficiently installed in the hottest or coldest climate conditions
- Heat fusion provides for strong adhesion over inconsistent and/or rough and uneven substrates
- Heat fused application allows for the use of very heavy duty reinforcements which can be formed to difficult angle changes and change of plane details
- Capable of achieving high energy strain loads



Conservation-minded manufacturers of products used by the building industry evaluate the impact of their products on the environment during the lifespan of a building (from manufacturing to construction, operation and demolition).

SOPREMA contributes to environmental protection and sustainable construction by manufacturing high quality products that meet the highest environmental standards. The Ginkgo Biloba leaf is the symbol selected by SOPREMA to represent its ecological commitment. This ancient oriental tree represents sustainability, health, aesthetics and resistance to attack.

SOPREMA was one of the first roofing manufacturers to establish an Environmental Management Program, and the first modified bitumen manufacturer to be ISO 14001 certified for its environmental management practices. SOPREMA's global research facilities are developing products made from renewable resources and recycled materials to reduce SOPREMA's carbon footprint.

SOPRALENE FLAM

180

Watertight

SOPREMA designed SOPRALENE FLAM 180 to specifically combat water penetration. SOPRALENE FLAM 180 provides a watertight seal for foundations and below-grade vertical walls leaving buildings dry and protected. Made from select SBS modified bitumen, this torch-on product is durable, reliable and consistent in millage. In any climate condition, contractors and building owners trust SOPRALENE FLAM 180 to provide a watertight solution.



SYSTEM COMPONENTS

• Primer

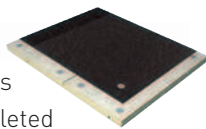
A blend of elastomeric bitumen, volatile solvents and adhesive enhancing additives used to prime concrete, metal or wood substrates. Enhances the adhesion of heat applied waterproofing membranes.

• Membrane

Composed of a non-woven polyester reinforcement and select SBS modified bitumen.

• Protection Board

To avoid damaging the membrane, it is strongly recommended that the completed waterproofing system be covered immediately with a protection board such as SOPRABOARD. SOPRABOARD is a multi-ply, semi-rigid asphaltic substrate board composed of a mineral fortified asphaltic core formed between two asphaltic saturated fiberglass liners.



Mt. Washington Observatory White Mountains, New Hampshire

THE WORST WEATHER IN THE WORLD

At 6,288 feet above sea level, on the summit of the highest peak in the northeastern United States, sits Mount Washington Observatory. Completed in 1980, the observatory experiences what has been called the “worst weather in the world” with bone chilling cold, heavy fog, large amounts of snow and non-stop winds up to a record 231 mph. The Summit Building was renovated in 1992 and SOPREMA’s Flam membrane was chosen to protect the structure.



COMPLETE WATERPROOFING SOLUTION FOR VIRTUALLY ANY COMMERCIAL STRUCTURE



SopraSeal H

Hot-applied, rubberized asphalt waterproofing membrane for plaza and parking decks



COLPHENE 3000

Self-adhesive membrane for foundation waterproofing



COLPHENE BSW

Blind side waterproofing uses SBS modified bitumen combined with a high-strength composite (glass and non-woven polyester) reinforcement



COLPHENE LM 300 COLPHENE LM 350

Liquid membrane (water or solvent based) for foundation waterproofing



COLPHENE ICF

Self-adhesive membrane for insulated concrete form waterproofing



WHY SOPREMA . . .

SOPREMA's quality has been known and respected for over 100 years and in more than 50 countries worldwide. Our products meet the waterproofing challenges of the building envelope. With our team of experienced manufacturer's representatives and trained technical staff, SOPREMA maintains its strong relationship with both architects and contractors in ultimately providing the owner with a quality waterproofing system.



Viaduc de Langwies, Switzerland

This reinforced concrete railway bridge on the Coire-Arosa line in Switzerland was waterproofed with a Mammouth membrane when it was built in 1912. The latest inspection by Swiss Railways showed no need for it to be renewed.



SOPREMA[®]



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