

**INNOVATIVE,
PROVEN,
DURABLE.**

SBS-MODIFIED BITUMEN ROOFING





SOPREMA offers a comprehensive line of roofing, waterproofing, wall protection and civil engineering solutions combining superior products and systems with decades of proven performance. Our solutions include industry leading SBS-modified bitumen membranes, polymeric PMMA/PMA liquid applied membranes and synthetic single ply PVC membranes. For applications as diverse as roofing, below grade waterproofing, plaza deck and balcony waterproofing, air and vapor barriers and bridge and parking structures, SOPREMA has the solution. SOPREMA's relentless pursuit of technological advancement, sustainability and product quality has been known and respected around the world for over 100 years.

SOPREMA Regional Office and Training Center— Pompano Beach, Florida



PROVEN

While numerous SBS-modified bituminous product and system innovations have been introduced over the years, one thing that has not changed in decades is their superior thickness, toughness and redundant waterproofing protection. SOPREMA offers a wide range of proprietary products formulated and manufactured with SBS-modified bitumen technology. SBS-modified bitumen is a proven technology providing the utmost in durability and reliability ensuring watertight structures for decades. SBS-modified bitumen products can be applied using a variety of methods allowing the flexibility to complete the job within project parameters in virtually any climate.

SOPREMA has created two great classics of SBS-modified bitumen:

SOPRALENE® & ELASTOPHENE®

The SOPRALENE and ELASTOPHENE product lines carry the proven durability of SOPREMA's trusted SBS-modified bitumen formula, while offering numerous additional physical and mechanical benefits. SOPRALENE, reinforced with non-woven polyester, provides exceptional puncture resistance, toughness, and high elongation properties and exhibits excellent dimensional stability.

Incorporating glass fiber reinforcement, ELASTOPHENE boasts superior dimensional stability and fire resistance. Both SOPRALENE and ELASTOPHENE have been proven to withstand superior heat and low temperatures in installations all over the world and are available in a wide range of thicknesses and mechanical properties to cover any design need.





Parkland Hospital - Dallas, Texas
SOPRALENE & ELASTOPHENE

REDUNDANCY

SUPERIOR WATERPROOFING PROTECTION

- Multi-ply systems provide safety and protection
- Redundant, staggered layers provide assurance against leaks
- Multi-layer, high strength details at critical roof and wall junctures
- Exceptional hail and puncture resistance

MULTI-PLY PROTECTION FOR OUR MOST IMPORTANT BUILDINGS

Our prefabricated SBS-modified bitumen membranes provide ease of application and flexibility for the installer, accommodating various application methods: heat welding, cold adhesives, self-adhesive, mechanical fastening, and hot asphalt. For highly sensitive applications our SBS-modified bitumen can be used in conjunction with SOPREMA's zero VOC adhesive, COLPLY® EF, for a non-hazardous and flameless solution. COLPLY® EF provides a safe alternative for protecting our most important buildings, such as hospitals and schools, while allowing occupants to continue their daily routine in the building during construction.

SBS-MODIFIED BITUMEN MEMBRANES



DURABILITY

SBS-modified bitumen membranes are shown to have a 90 year service life, including overlays, over the lifespan of the roof according to the Environmental Product Declaration (EPD) for SBS-modified bitumen from the Bitumen Waterproofing Association (BWA) in Europe, proving the superior longevity and durability of SBS roofing. In North America, SBS-modified bitumen roofing has been applied since the late 1970s. Since then, significantly extending the roof's service life by overlaying existing SBS roof membranes with an additional SBS cap sheet has been substantiated time and time again.

SOPREMA'S SBS-MODIFIED BITUMEN MEMBRANES PROVIDE:

- Superior thickness with multi-ply membrane systems, creating durable, tough and redundant waterproofing protection
- Factory quality controlled, watertight membranes delivering high elongation and recovery properties, as well as practical installation and handling stability in various climate conditions

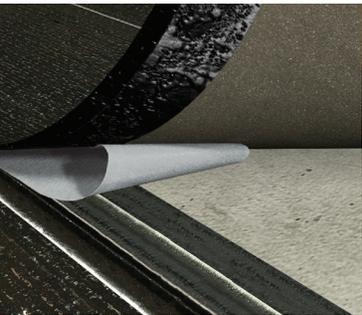
INNOVATION



SOPRASMART LAMINATED BOARDS FAMILY

The SOPRASMART® Laminated Boards Family includes products whose characteristics, due to SOPREMA's exclusive bonding technology, are synonymous with speed, quality, durability and efficiency.

- Fast, labor-saving installation
- Rugged SBS base ply laminated to various roof coverboards
- Exceptional hail and puncture resistance
- Proprietary and proven factory controlled bonding technology



DUO-SELVEDGE TECHNOLOGY

Patented DUO-SELVEDGE® Technology provides safe and waterproof attachment.

- Protects the system components beneath the base ply during heat welding
- Immediately bonded
- Partially self-adhered lap (60% of the side lap) leaving only 40% to be heat welded
- Provides proven waterproof protection of heat welded seams



SOPRAFIX MECHANICALLY FASTENED SYSTEMS

The SOPRAFIX® SBS-modified bitumen membranes redefine high performance by combining strength and durability.

- Feature some of the highest wind uplift ratings and approvals up to FM 1-345
- Time savings by eliminating the need to fully adhere the base ply to the prepared substrate
- Fabricated with polyester reinforcements specifically engineered for mechanical fastening
- Withstand load strain and cyclic fatigue ensuring longevity of the membrane assembly
- Redundant membrane coverage with extended width overlaps



HYBRID APPLICATIONS - DURABILITY & REFLECTIVITY

SBS-modified bitumen membranes can be utilized as a base layer in a hybrid application with SENTINEL® PVC synthetic membranes or ALSAN® RS PMMA/PMA liquid applied membranes. Ease of application and the proven waterproofing characteristics of SBS-modified bitumen make it the ideal material for drying-in the roof and providing a tough additional course of protection against leaks.

- SENTINEL PVC membranes can be used over SBS-modified bitumen base layer for a durable, reflective, and cost effective cap sheet
- ALSAN RS PMMA/PMA systems create a seamless, watertight, puncture resistant, fully reinforced system and can be used over SBS-modified bitumen for low clearances, difficult details, and irregular spaces such as penetrations and curbs



Porsche® Building - Miami, Florida
SOPRALENE & COLPHENE



Bullitt Center- Seattle, Washington
SOPRALENE, ALSAN RS & R NOVA PLUS



General Motors® Wentzville - Wentzville, Missouri
ELASTOPHENE



World Vision Center - Seattle, Washington
SOPRASMART

COOL ROOF SOLUTIONS

SOPRASTAR®, SG granules, ALSAN® RS white, and R NOVA® Plus are all designed to reflect the sun's heat energy instead of transferring that energy to the building. Additionally, SOPREMA cool roof options aid in the reduction of the "heat island effect" and help reduce air pollution, greenhouse gases and smog formation, resulting in a greener, cleaner environment for all building occupants and surroundings.

- **ALSAN RS white PMMA/PMA liquid applied polymeric membranes** provide seamless, robust protection with superior solar reflectance values. Available in standard or low odor (LO) versions, ALSAN RS has decades of performance history to protect your structure.
- **SG granules** are bright white reflective mineral granules that may be applied to any SOPREMA granule surfaced SBS-modified bitumen sheet transforming our conventional SBS-modified bitumen cap sheets to a highly reflective surface.
- **SOPRASTAR** is a patented, tri-laminate white highly reflective SBS-modified bitumen roof membrane that is highly resistant to dirt pick up. SOPRASTAR has earned the highest ratings for solar reflectance among major manufacturers of SBS-modified bitumen roofing.
- **R NOVA Plus** is another option for providing a highly reflective roof surface. R NOVA Plus is a urethane modified acrylic roof coating designed for use over various substrates and existing roof membrane systems.



RELATED PRODUCTS

Look no further than SOPREMA. Regardless of the material or system type, SOPREMA has the accessories and related materials to complement and complete your project. Specifically related to maintenance and temporary repairs, SOPREMA offers many SBS-modified bitumen compatible solutions. For a complete list of comprehensive accessory products, visit www.soprema.us.

COLPLY® EF ADHESIVE

- Zero VOC, single-component polymeric adhesive for use with SBS-modified bitumen membrane systems, providing a non-hazardous, flameless solution
- Allows occupants to continue their daily routine in the building during construction
- Provides an additional layer of elastomeric waterproofing protection beneath or between membrane plies

DUOTACK® 365

- Zero VOC, two part polyurethane adhesive for adhering insulation boards, coverboards or thermal barriers
- Can be stored without conditioning at temperatures as low as 14°F (-10 °C)
- Cures in minutes

SOPRABOARD®

- Semi-rigid asphaltic coverboard for use in multi-ply membrane and flashing assemblies
- Superior compressive strength vs competitive materials
- No need for priming in most applications
- Asphalt to asphalt compatibility results in some of the highest wind and fire rated assemblies over most decks; up to -525 lb/sq ft

ALSAN® FLASHING

- Proprietary polyurethane bituminous resin specifically formulated for high performance liquid applied flashings, and other details and maintenance applications
- Conforms easily to irregular shapes and its unique formulation makes it perfect for creating quick curing, seamless flashings.

COMMITMENT TO QUALITY

Since 1908, SOPREMA has developed around the idea that the quality, durability and reliability of materials must match contractors' and designers' ambitions and expectations. Over the years, SOPREMA has been using its expertise to develop a variety of high-end products that measure up to the requirements of the construction field.

Our commitment to excellence in quality, environmental stewardship and safety is verified by our ISO 9001, 14001, and 18001 certifications. Additionally, on a global basis, the company operates a worldwide standardization process meaning you get the same quality product at any SOPREMA location. Our Quality Compliance Certificate program allows product data to be pulled straight from the manufacturing line to ensure consistency every time. Simply put, with SOPREMA, consistency is built into our processes every day, everywhere.



SOPREMA[®] IN NUMBERS

INTERNATIONAL



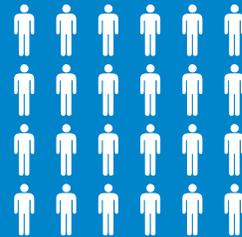
19

TRAINING CENTERS
IN FIVE COUNTRIES

OVER
4,000
DISTRIBUTORS



RESEARCH CENTERS



MORE THAN
6,250
EMPLOYEES
WORLDWIDE

OVER 90 COUNTRIES SERVED



40 PRODUCTION PLANTS WORLDWIDE

NORTH AMERICA

5

SALES REGIONS IN
THE UNITED STATES

11

SALES OFFICES
IN CANADA

MORE THAN
100
SALES AND TECHNICAL
REPRESENTATIVES IN
THE UNITED STATES



13

TRAINING CENTERS
IN NORTH AMERICA



RESEARCH CENTERS



*Refer to soprema.us for most up to date information.

ROOFING WATERPROOFING WALLS CIVIL ENGINEERING



ROOFING &
WATERPROOFING



INSULATION



VEGETATED
SOLUTIONS



SOUNDPROOFING



RELATED
PRODUCTS

SOPREMA is an international manufacturer specializing in the production of waterproofing and insulation products, as well as vegetative and soundproofing solutions, for the building and civil engineering sectors.

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SOPREMA.CA • 1.877.MAMMOUTH
