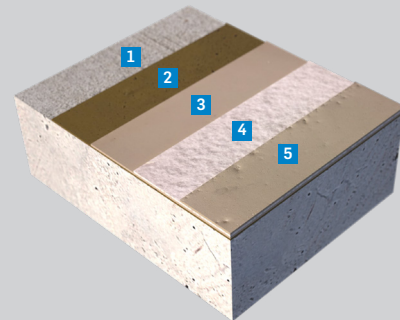


ALSAN RS ROOF SYSTEMS

FULLY REINFORCED ROOF SYSTEM

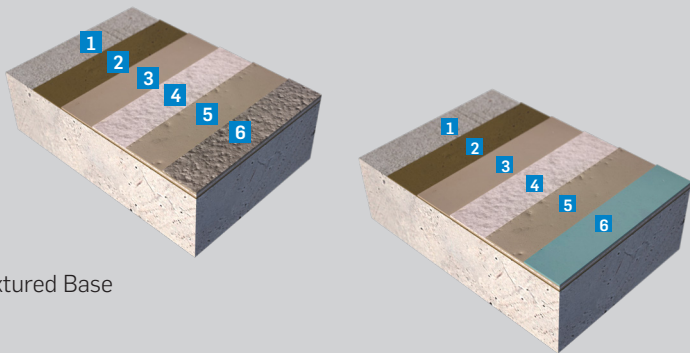


- 1 Prepared Concrete
- 2 ALSAN RS 276 Primer or ALSAN RS 222 Primer
- 3 ALSAN RS 230 or ALSAN RS 260
- 4 ALSAN RS Fleece
- 5 ALSAN RS 230 or ALSAN RS 260

*Multiple surfacing and roof deck type options available

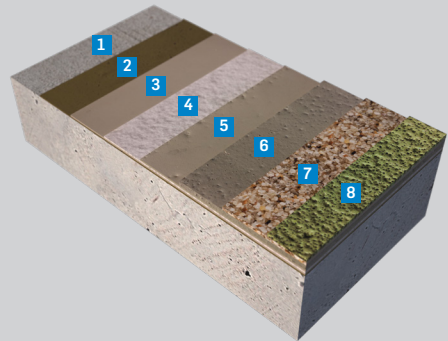
SURFACING OPTIONS OVER FULLY REINFORCED ROOFING SYSTEMS

- 1 Prepared Concrete
- 2 ALSAN RS 276 Primer or ALSAN RS 222 Primer
- 3 ALSAN RS 230 or ALSAN RS 260
- 4 ALSAN RS Fleece
- 5 ALSAN RS 230 or ALSAN RS 260
- 6 ALSAN RS 287 Color Finish* or ALSAN RS 289 Textured Base



* Product requires the addition of a color pack

FULLY REINFORCED TRAFFICABLE ROOF SYSTEMS



- 1 Prepared Concrete
- 2 ALSAN RS 276 Primer or ALSAN RS 222 Primer
- 3 ALSAN RS 230 or ALSAN RS 260
- 4 ALSAN RS Fleece
- 5 ALSAN RS 230 or ALSAN RS 260
- 6 ALSAN RS 233
- 7 ALSAN RS Quartz
- 8 ALSAN RS 281 or ALSAN RS 287 Color Finish

ALSAN RS FOR ROOF FLASHINGS AND PENETRATIONS

ALSAN RS PMMA/PMA liquid-applied resins can be used in combination with ALSAN RS Fleece to create a seamless, watertight, puncture resistant, fully reinforced flashing system over SBS-modified bitumen or SENTINEL® PVC membranes. Using ALSAN RS for difficult details is a cost-effective, easy-to-apply method that conforms to irregular shapes such as flashings, walls, penetrations and curbs without the need of torching or adhesives.



INNOVATION SINCE 1908

SOPREMA has developed around the idea that the quality, durability and reliability of materials must match builders' ambitions and expectations. For more than 100 years, SOPREMA has been using its expertise to develop a variety of high-end products that meet or exceed all the requirements of the construction field.

ROOFING WATERPROOFING WALLS CIVIL ENGINEERING



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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ROOFING

ALSAN® RS
ROOFING





ALSAN® RS

LIQUID-APPLIED PMMA/PMA POLYMERIC ROOF MEMBRANES

ALSAN RS offers a complete range of high performance, flexible, seamless, polyester reinforced liquid-applied polymeric roofing solutions. ALSAN RS is composed of polymethyl methacrylate (PMMA) and polymethacrylate (PMA) based resins that offer rapid set times and results in a resilient roof requiring minimal maintenance.

Liquid-applied systems offer alternatives to conventional roofing methods, eliminating the safety risks associated with adhesives, torches and hot-applied systems. The single coat application technique also makes ALSAN RS a time and cost effective solution.

ADVANTAGES

- Rapid-setting and easy application
- VOC compliant
- Tough polyester reinforcement
- Cool roof solution
- Low maintenance

SUSTAINABILITY

EXTEND ROOF LIFE

ALSAN RS fully reinforced systems can be used over existing roofs as a recovery system to extend the life of the existing roof installation, limiting the need for tear off. ALSAN RS systems provide a seamless, monolithic seal for a watertight finish. This method provides long-term, cost effective protection against moisture infiltration and other damage.

SUCCESS STORY

Flatiron Building
New York City, New York

The world famous Flatiron Building in New York City is protected by SOPREMA. In the dead of winter, with temperatures below freezing, ALSAN RS created an impenetrable liquid-applied waterproofing membrane guaranteed for 20 years. SOPREMA's state-of-the-art polymethyl methacrylate liquid-applied waterproofing technology was used to completely waterproof the 8,500 q. ft. main roof and 21st floor set back of the building. The work was completed in difficult circumstances, with below freezing (25° F) temperatures and windy conditions. The main roof was a recovery application, which saved Newmark Knight Frank, the building's owner, the costly process of tearing off the aged granulated surfaced SBS membrane. ALSAN RS was applied directly over the existing membrane, creating a watertight surface. Of special interest was the time saved on numerous skylights and other difficult flashing challenges, including time-consuming penetrations, bulkheads and chimneys, many with peculiar angles due to the building's unique architecture.



ALSAN RS ROOF SYSTEMS COMPONENTS*

RESINS

ALSAN RS 230 FIELD – A high performance, rapid-setting, polymethyl methacrylate (PMMA) liquid resin.

ALSAN RS 230 FLASH – A high performance, rapid-setting, polymethyl methacrylate (PMMA) liquid resin for use in flashing applications.

ALSAN RS 260 LO FIELD – A high performance, low odor, rapid-setting, polymethacrylate (PMA) liquid resin.

ALSAN RS 260 LO FLASH – A high performance, low odor, rapid-setting, polymethacrylate (PMA) liquid resin for use in flashing applications.

FINISH/SEALER TOP COAT RESINS

ALSAN RS 281 CLEAR FINISH – A rapid-setting clear finish resin designed to be utilized as a sealer coat when colored silica quartz aggregate is used or pigmented polymer flakes are utilized.

ALSAN RS 287 COLOR FINISH BASE – A rapid-setting liquid resin that is un-pigmented and is to be mixed with a color additive for a colored finish or line stripping.

ALSAN RS 289 TEXTURED BASE – A rapid-setting nonslip liquid resin that is premixed with aggregates to which a colored additive is added to give a light duty nonslip color finish.

ALSAN RS 210 – Resin used in conjunction with ALSAN RS 223 to create ALSAN RS 233 Self-Leveling Mortar.

PRIMERS

ALSAN RS 276 PRIMER – A rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer that is utilized to promote adhesion over concrete, masonry and other substrates prior to application of ALSAN RS roofing, waterproofing and flashing systems.

ALSAN RS 222 PRIMER – A rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer for use on flexible substrates such as SBS-modified bitumen or plywood.

RELATED PRODUCTS

ALSAN RS PASTE – A rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) heavy paste.

ALSAN RS DETAILER – A micro-fiber enhanced rapid-setting polymethyl methacrylate (PMMA) flashing resin.

ALSAN RS CATALYST POWDER – A reactive agent used to induce curing of ALSAN RS resin products.

ALSAN RS FLEECE – A proprietary non-woven polyester reinforcement used in ALSAN RS liquid membrane applications.

NATURAL OR COLORED QUARTZ AGGREGATES – Slip-resistant and decorative surfacing.

ALSAN RS DECO CHIPS – Flat, angular pigmented polymer flakes used as a decorative media.

ALSAN RS CLEANER – A clear, blended solvent used to clean transition areas of in-place ALSAN RS liquid-applied membranes at tie-ins, repairs and between staged coats of resins.

ALSAN RS COLOR ADDITIVE – Colored additive intended to be mixed into liquid PMMA/PMA resins.

*All components of ALSAN RS systems are sold separately.