



SOPREMA

ALSAN RS



RAPID CURING LIQUID-APPLIED PMMA WATERPROOFING SYSTEMS

SOPREMA ALSAN RS

A COMPLETE RANGE OF SYSTEM APPLICATIONS

The SOPREMA **ALSAN** RS System offers a complete range of products utilizing PMMA (polymethyl methacrylate) technology. It is an ultra-high performance, flexible, seamless, polyester reinforced cold liquid-applied roofing and waterproofing membrane system. All **ALSAN** RS Systems feature dramatically fast cure times that can accommodate tight construction schedules and provide durable applications that may be warranted for up to 20 years (contact Soprema for details). Systems include roofing, waterproofing, balconies, terraces, parking decks / ramp applications and many more.

ALSAN RS SYSTEM PRODUCT COMPONENTS:

PRIMER RESINS:

- **ALSAN** RS 276 primer for concrete and wood surfaces
- **ALSAN** RS 222 primer for asphaltic surfaces

MEMBRANE RESINS:

- **ALSAN** RS 230 FIELD horizontal/field grade resin reinforced with **ALSAN** RS Fleece to form waterproofing membrane
- **ALSAN** RS 230 FLASH vertical/flashing grade resin reinforced with **ALSAN** RS Fleece to form waterproofing membrane
- **ALSAN** RS 260 LO FIELD low-odor horizontal/field grade resin reinforced with **ALSAN** RS Fleece to form waterproofing membrane
- **ALSAN** RS 260 LO FLASH low-odor vertical/flashing grade resin reinforced with **ALSAN** RS Fleece to form waterproofing membrane

WEARING/SURFACING LAYER RESINS FOR PEDESTRIAN OR VEHICULAR TRAFFIC:

- **ALSAN** RS 233 SELF-LEVELING MORTAR wearing layer; (**ALSAN** RS 210 resin mixed with **ALSAN** RS 223 Powder filler)
- **ALSAN** RS 263 LO SELF-LEVELING MORTAR low-odor wearing layer; (**ALSAN** RS 240 LO resin mixed with **ALSAN** RS 223 Powder filler)
- **ALSAN** RS 210 base resin mixed with **ALSAN** RS 223 Powder filler used in wearing layer applications
- **ALSAN** RS 240 LO low-odor base resin mixed with **ALSAN** RS 233 Powder filler used in wearing layer applications
- **ALSAN** RS 223 POWDER proprietary blended filler-component mixed with base resin used in wearing layer applications

FINISH / SEALER TOP COAT RESINS:

- **ALSAN** RS 288 FINISH pigmented sealer resin
- **ALSAN** RS 281 FINISH translucent sealer resin

COMPLEMENTARY RESINS & PRODUCTS:

- **ALSAN** RS PASTE patching mortar used in surface repairs
- **ALSAN** RS DETAILER sealing resin combined with micro-fiber fleece reinforcement
- **ALSAN** RS TEXTURED COATING ramp surface texturized slip-resistant coating with #2 size pre-mixed additive
- **ALSAN** RS 290 TEXTURED FINISH parking deck and balcony waterproofing slip-resistant coating with a premixed additive
- **ALSAN** RS CATALYST curing agent used to induce curing process with all regular **ALSAN** RS resins
- **ALSAN** RS LO CATALYST curing agent used to induce curing process with all low-odor **ALSAN** RS resins
- **ALSAN** RS FLEECE polyester based reinforcement used with all membrane resins (various sizes available)
- **ALSAN** RS DECO CHIPS used as decorative broadcast medium with finish resin
- **ALSAN** RS SURFACING AGGREGATE used as a slip-resistant/protective and decorative broadcast medium with finish resin
- **ALSAN** RS REPAIR MORTAR high density, quick setting, resin based surface repair mortar

For additional products for special applications, please contact your local SOPREMA sales representative.

SYSTEMS

BALCONY



Fully and partially reinforced systems developed for cantilevered balcony spaces



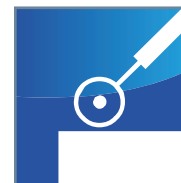
PARKING



Fully and partially reinforced systems capable of withstanding heavy vehicular traffic



WATERPROOFING



Fully and partially reinforced systems constructed for waterproofing protection



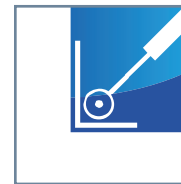
GREASE PROTECTION



Fully reinforced systems designed to protect surfaces from exposure to harmful contaminants



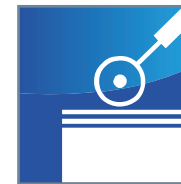
FLASHING



Fully reinforced systems developed for flashings, walls, penetrations, curbs, drains, and difficult details



RECOVERY



Fully reinforced systems designed to extend the life of existing roof installations, limiting the need for tearoff



TRAFFICABLE



Fully and partially reinforced systems constructed to withstand consistent pedestrian traffic



OVERBURDEN



Fully reinforced systems designed for garden roofs, IRMA, paver and water feature installations



COOL ROOF



Fully and partially reinforced systems designed to meet industry standards for reflectivity and emissivity



ALSAN RS liquid applied applications offer the widest range of system possibilities in the industry today.
ALSAN RS offers versatile solutions for all of your roofing and waterproofing needs.

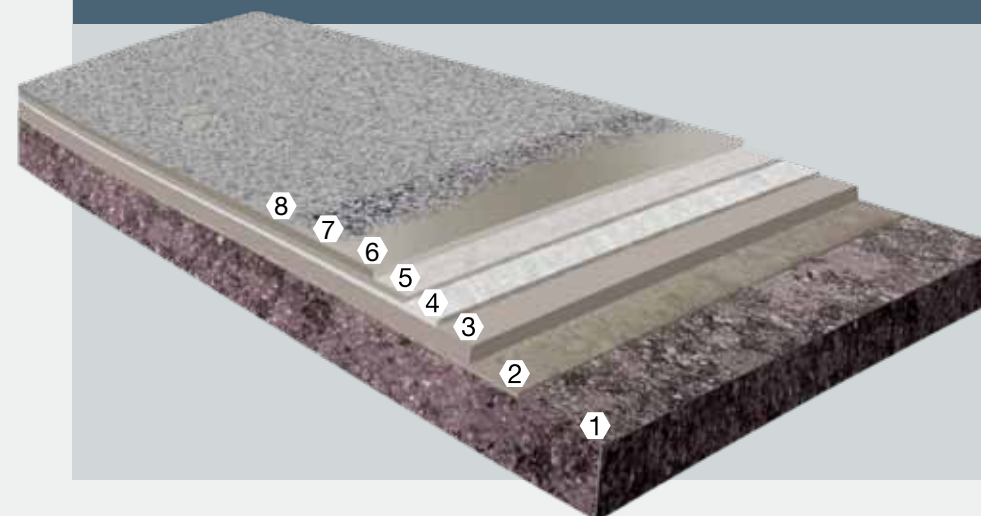
AVAILABLE SYSTEMS

ALSAN RS Roofing/Waterproofing Reinforced System



1. Approved Substrate
2. **ALSAN RS** 276/222 Primer
3. **ALSAN RS** 230 Field
4. **ALSAN RS** Fleece
5. **ALSAN RS** 230 Field

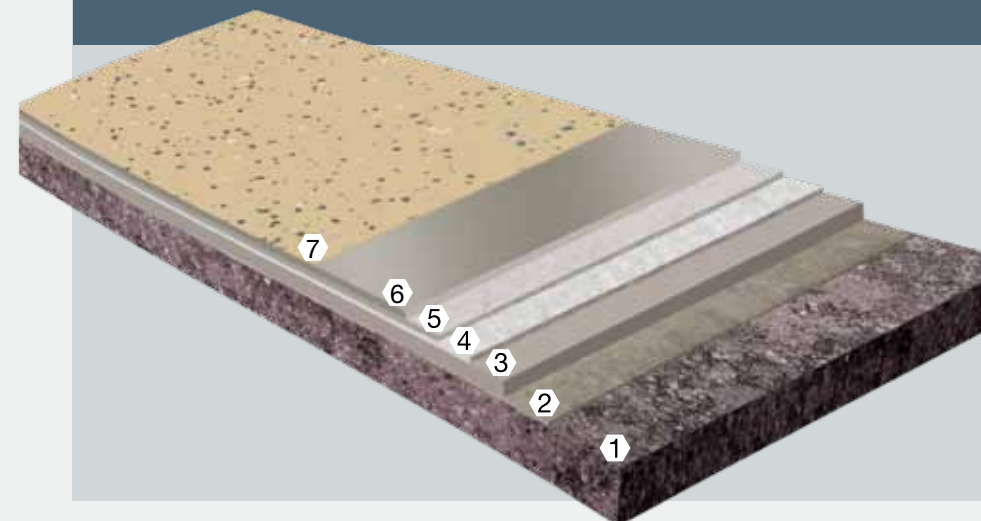
ALSAN RS Parking Deck / Balcony / Terrace System



1. Approved Substrate
2. **ALSAN RS** 276/222 Primer
3. **ALSAN RS** 230 Field
4. **ALSAN RS** Fleece
5. **ALSAN RS** 230 Field
6. **ALSAN RS** 233 Self Leveling Mortar
7. **ALSAN RS** Color Quartz
8. **ALSAN RS** 281 Clear Finish

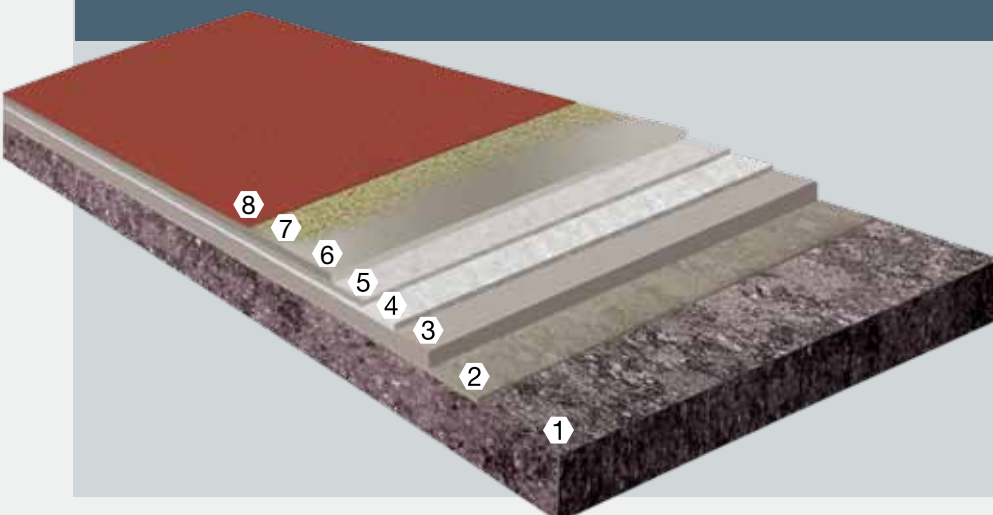
*Quartz size will vary based on required slip-resistant values and
Other colors available upon special order request

ALSAN RS Parking Deck / Balcony / Terrace System



1. Approved Substrate
2. **ALSAN RS** 276/222 Primer
3. **ALSAN RS** 230 Field
4. **ALSAN RS** Fleece
5. **ALSAN RS** 230 Field
6. **ALSAN RS** 233 Self Leveling Mortar
7. **ALSAN RS** 288 Color Finish
8. **ALSAN RS** Decorative Chips

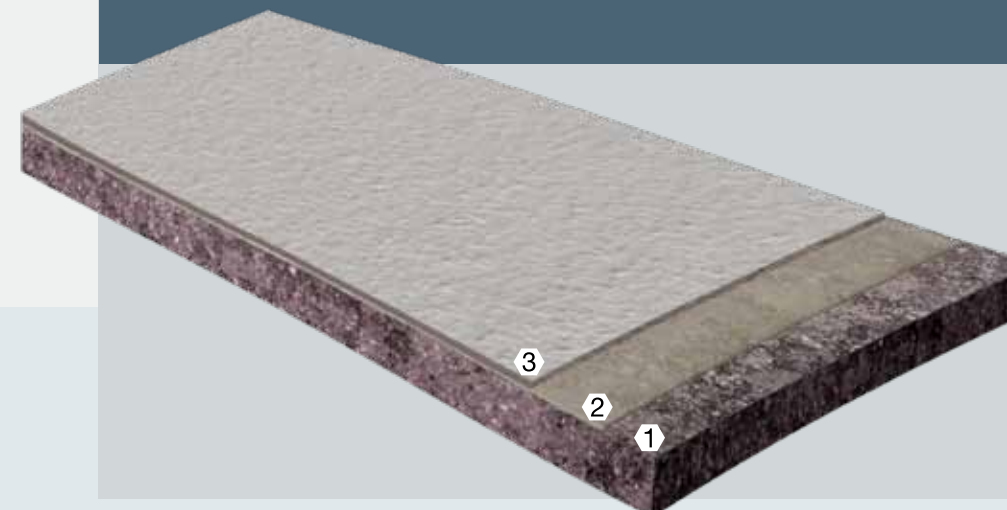
ALSAN RS Parking Deck / Balcony / Terrace System



1. Approved Substrate
2. **ALSAN RS** 276/222 Primer
3. **ALSAN RS** 230 Field
4. **ALSAN RS** Fleece
5. **ALSAN RS** 230 Field
6. **ALSAN RS** 233 Self Leveling Mortar
7. **ALSAN RS** Quartz
8. **ALSAN RS** 288 Color Finish

*Quartz size will vary based on required slip-resistant values
Other colors available upon special order request

ALSAN RS Parking Deck / Balcony / Terrace / Road Coating Protective Non-Reinforced System



1. Approved Substrate
2. **ALSAN RS** 276/222 Primer
3. **ALSAN RS** 290 Textured Finish

SOPREMA ALSAN RS

FLATIRON BUILDING

NEW YORK CITY



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 waterproofing membrane guaranteed for 20 years. Soprema's state of the art polymethyl methacrylate liquid waterproofing technology was used to completely waterproof the 8,500 square foot 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 Newmart Knight Frank, the building's owner, the costly process of tearing off the aged granulated SBS membrane. **ALSAN RS** was applied directly over the existing membrane, creating a watertight surface. Of special interest were the 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.

KNOW HOW

PRACTICAL TRAINING FOR ALL APPLICATIONS

WORLDWIDE NETWORK OF APPROVED AND CERTIFIED APPLICATORS

To maintain the highest level of quality, SOPREMA **ALSAN RS** Systems are installed by fully certified and trained applicators. Each contractor must meet and maintain the high assessment criteria required by SOPREMA. Additionally, SOPREMA provides field technical assistance for certified applicators, architects, specifiers and property owners to ensure the highest quality standards and expertise. SOPREMA offers contractors highly specialized training courses at our Wadsworth, Ohio training center location. Seminars include both theoretical courses as well as hands-on training. Our reputation has been built on a high level of technical support before, during and after the installation. Our expertise lies in recommending the proper system that will exceed the performance requirements of any proposed project while working within the client's budgetary constraints.

SOPREMA SYSTEMS: TIME PROVEN AND FULLY GUARANTEED.

Whether a parking deck, a balcony or a flat roof, **ALSAN RS** Systems perfectly and fully seal the surface while providing long-term cost effective protection against moisture infiltration and other damage. SOPREMA developed this unique system based on fluid plastics and PMMA resins: **ALSAN RS** is a modern, highly reliable product that offers compelling advantages to the most demanding end users.



LIQUID APPLIED WATERPROOFING

The SOPREMA LIQUID GROUP offers cutting edge liquid applied waterproofing solutions for every situation. Today's commercial and industrial building industry is an ever changing landscape where the efficient thrive and the slow die. The SOPREMA LIQUID GROUP is a dynamic organization comprised of an industry leading team capable of constant innovation and quick action to capitalize on rapidly evolving market conditions.

With five product lines, including the state-of-the-art, third generation **ALSAN** RS line of PMMA (polymethyl methacrylate) technology, the SOPREMA LIQUID GROUP is recognized as a leader in the liquid applied waterproofing industry. When planning a liquid applied waterproofing project with SOPREMA, you are receiving a world of support. For over 100 years, SOPREMA has been known for its utilization of advanced research and development capabilities that do not follow trends, but set the mark for the competition to follow.



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