



Liquid waterproofing solutions



FOR RESIN SPECIALISTS

walkway loggias
terraces roofs
parkings balconies
Special points
fast drying

alsan[®] 770

Ultra rapid curing PMMA resins.

SOPREMA
GROUP

Worldwide leader in the field of waterproofing and insulation systems, SOPREMA stands apart for high quality products and competent technical assistance for each one of your projects.



100 years of experience the PMMA range



4 training centres across Europe.

Independent

A TRUSTWORTHY PARTNER

Since 1908, SOPREMA continued to grow, while capitalizing on its human dimension and on contacts between people. It is the key to offering flexibility, creativeness and quality of service.

Specialized

PRACTICE-BASED TRAINING FOR ALL USERS

We provide modern training facilities all over the world. We offer general training or specific courses adapted to your needs, based on practice so that users can acquire the necessary skills for implementing all of our waterproofing systems in a truly professional manner, whether applied to PMMA resins, PU, epoxy or high-end bituminous systems.



5 R&D centres across Europe strongly oriented on sustainable development.

High performing

HIGH-PERFORMANCE CUSTOMIZED SOLUTIONS

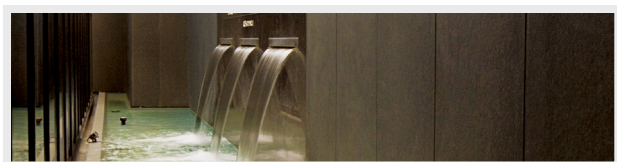
Our Research and Development centres are continually designing innovative solutions, and revolutionary applications providing very high added value. Whatever your project consists of, we can offer a reliable technical solution compatible with each of your configurations.

index



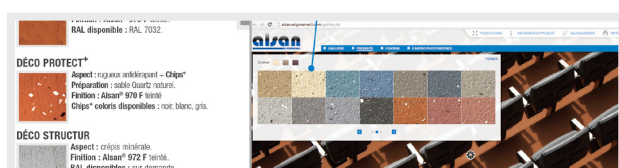
Alsan® 770 for balconies

4-5



Alsan® 770 for special applications

8-9



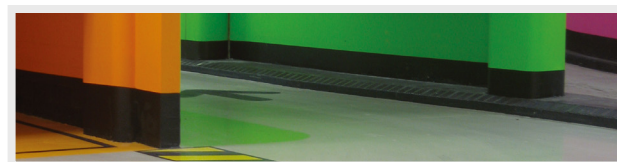
Alsan® 770 finishing options

10-13



Alsan® 770 for roof-terraces

6-7



Alsan® 770 for grandstands and parking areas

10-11



Alsan® 770 references in Europe

14-15



THE RESULT OF MANY YEARS OF EXPERIENCE.

SOPREMA has designed a complete range of PMMA (Polymethyl Methacrylate) resins for waterproofing balconies, walkways, loggias, accessible or non-accessible roof terraces, parkings areas, grandstands and intermediate flooring, for open space surfaces as well as for treating special and complex areas.

Modern architecture requires perfect solutions, providing durable results in terms of functionality, profitability, but also attractiveness.

Alsan® 770 fully reinforced waterproofing systems provide exceptional and durable performance and bonding on all types of substrates and buildings:

- Balconies, walkways, loggias.
- Roof terraces.
- Grandstands, parking areas, engineering structures.
- Special areas: upstands, joints, stairs, wet rooms.

To meet these requirements, **SOPREMA** has developed a unique range of PMMA-based resin: **Alsan® 770**.

These modern and reliable systems provide users with winning features.

Alsan® 770 is certified CE and ATE N°12/0510 (European Technical Certification), ranked W3, P3, TH3, TL3 according to ETAG 005.

Alsan® 770 also complies with the various certifications applicable in the USA, Switzerland, Germany, Belgium and the United Kingdom. In France, **Alsan® 770** has developed special technical guideline (CPP- Cahier de Prescription de Pose) that have been approved by a certification agency.



of Alsan® 770

- + Puncture resistance
- + Rapid curing
- + Fast application
- + Weather resistant
- + UV resistant
- + Alkali resistant
- + Saving costs on worksite
- + Large selection of colours and finishes

aesthetic balconies terraces



alsan[®] 770

ATTRACTIVE COATINGS, QUICKLY TRAFFICABLE

With or without reinforcement, Alsan® 770 always provides the right solution, even in low temperature or high stress conditions.

Since **Alsan® 770** waterproofing systems are rapid curing, with no waiting period before covering, areas are ready for use exceptionally quickly, while providing perfect results and finish, whether applied to renovations or new construction.

Alsan® 770 systems are used in all types of trafficable or non trafficable construction to provide waterproofing and protection from rainwater and tough weather conditions.

In new or old buildings alike, careful professional preparation and treatment of substrates are also essential for successful results.

The exceptional quality of **Alsan® 770** products make them cost-efficient even for architectural projects of complex and unusual design meeting the dual requirements of technical performance and modern design.



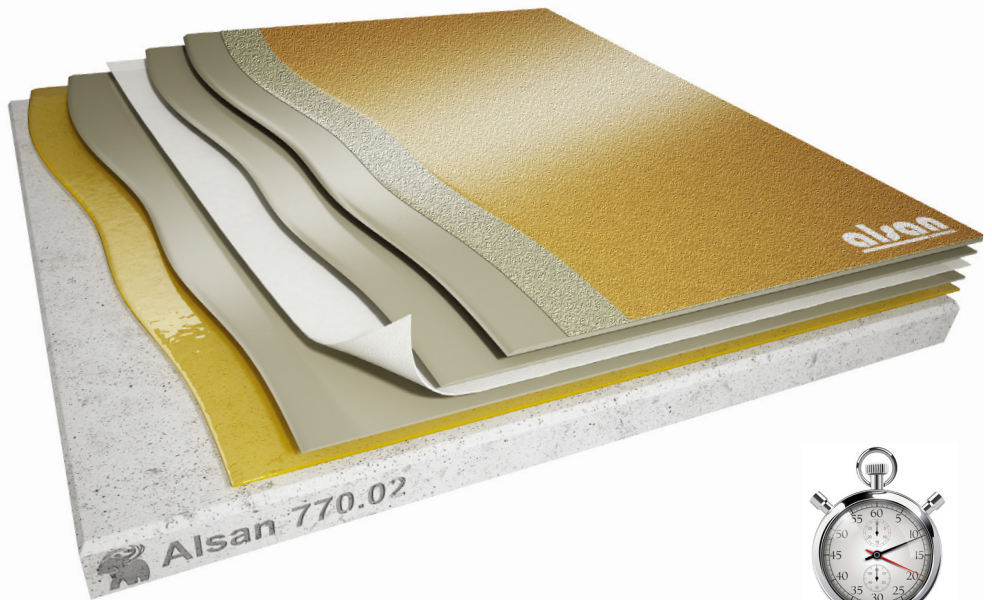
+ Resistant

- Resists to spontaneous tearing and to puncture.

+ Quick installation

+ Attractive

+ Cost efficient



Non-slip decorative waterproofing system:

Aesthetic non-slip finishing, available in several grain sizes. Large colour selection, in the majority of RAL shades.



**FAST
CURING**

for balconies



RENOVATING A 10 M² BALCONY IN JUST 1 DAY.

08:00 am - 10:00 am Preparing the substrate.

10:00 am - 12:00 am Primer and waterproofing of special areas.

1:00 pm - 3:00 pm Waterproofing of main areas.

3:00 pm - 5:00 pm Protection and finishing layers.



attractive durable perfect coating



systems

EXCELLENCE IN PERFORMANCE

Accessible and non accessible roof terraces, inverted roofs, walkways and the building envelope in particular are some of the locations subject to the highest construction constraints.

Specifically when waterproofing is concerned, this is why the highest performance level is required in terms of product and workmanship.

For new construction or refurbishments, the unique formula of **Alsan® 770** systems renders them fully waterproof while allowing for vapour-permeance.

Alsan® 770 systems are perfectly adapted to waterproofing complex and irregular-shaped roofs, applying impregnation coats and treating joint surfaces, applying to upstands, and in the most hard-to-reach and particular areas.

In addition, they have excellent bonding capacities regardless of the substrate, forming a homogenous surface that prevents water damage and ensures long-lasting building protection.

Alsan® 770 systems are simple, quick and easy to use, guaranteeing reliable, high-performance and attractive results.

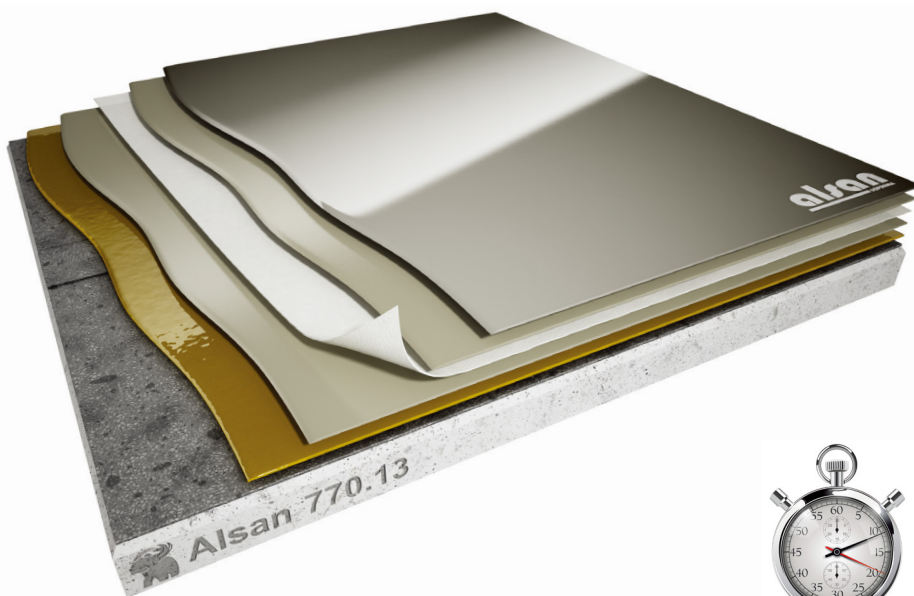


+ Easy to use

- Ideal for demanding and complex surfaces.

+ Excellente adherence

+ Wear resistant



Aesthetic waterproofing system:

Reinforced PMMA waterproofing on bituminous waterproofing for non-accessible roof-terraces. Alsan® 970 F finishing or a third coat of Alsan® 770 are optional.



**FAST
CURING**

for roof-terraces

“
**YOUR ROOFS
HAVE AN
EXTRA ASSET**
”



**SOPRASOLAR
FLAGSOLAR®**

Discover our solar
waterproofing solutions,
and add value to your property
investment.

REFLECTROOF SYSTEM

Alsan® 973 F finishing is highly reflective coating specially designed for use on roof-terraces.

The system may be allied directly over bituminous waterproofing, over a primer or as finishing over a liquid Alsan® 770 waterproofing system.

The high reflection capacities of the system are particular adapted for optimal operation of photovoltaic units.



details upstands
wet rooms
complex shapes



systems

HIGH-PERFORMING SOLUTIONS FOR TREATING THE MOST HARD-TO REACH AND COMPLEX AREAS

For all waterproofing works in non-accessible terraces, applicable to new construction, renovations, or even when simple repair work is required, on upstands, joints, edge drip detail, vertical surfaces or complex shapes, most often liquid waterproofing systems are the solutions.

Depending on the choice of resin and after appropriate preparation of the substrate, products may be applied to a very large variety of substrates (asphalt, PVC, metal, aluminium, copper, wood, etc.)

WATERPROOFING SYSTEMS PARTICULARLY ADAPTED TO THE TECHNICAL CONSTRAINTS OF WET ROOMS.

Premises with damp intermediate flooring (commercial or industrial kitchens, Spas or aqua parks, sanitary facilities, collective and individual showers), liquid waterproofing systems under heavy protections (glued/sealed tiling) require implementation of systems complying with regulations*.

By definition, floor covering such as tiles/ceramic with joints have never constituted waterproof protection.

The possibility of laying tile directly over liquid waterproofing or in sealed separate layers, allows treating without having to take account of reservations, which are sometimes impossible.

By combining waterproofing with floor protection, the **Alsan® 770** range is the best solution for such work.

* SP2, SP3 regulations, apart from CPP (technical guideline) in France.

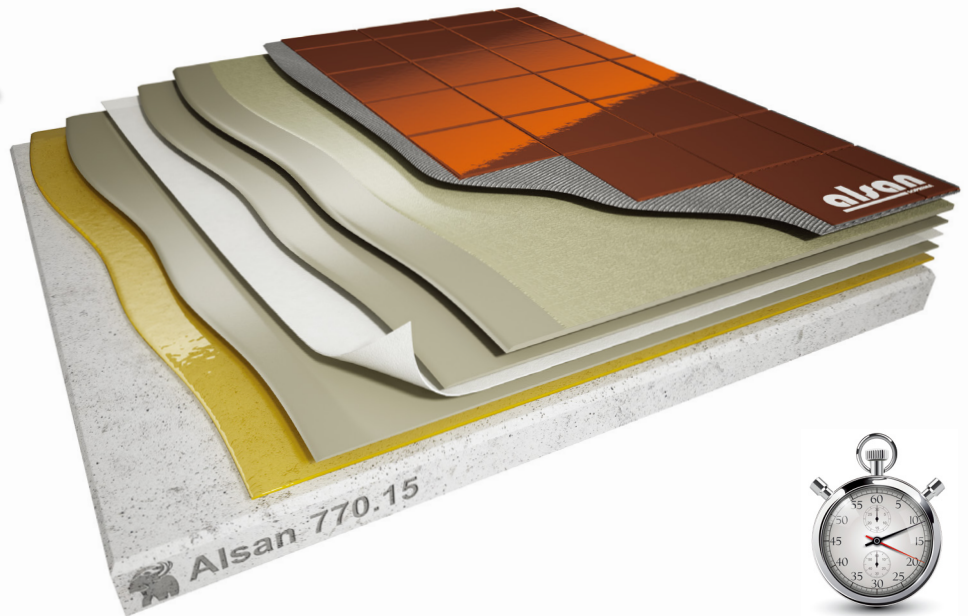


+ Systems and products adapted to their environment

- Collective showers.
- Kitchens.
- Sanitary facilities.
- Pool decks.

+ Easy to treat special areas

- Upstands.
- Rainwater drainage systems.
- Expansion joints.



Reinforced waterproofing system under tiling:

Reinforced **Alsan® 770** waterproofing under glued tiling adapted to high stresses.



**FAST
CURING**

for special applications



ALSAN® 770 TX

Among rapid curing products, the **Alsan® 770 TX** range of products is specially designed for treating special areas.

Alsan® 770 TX is used with a reinforcement fleece for application on roof details such as upstands, construction or expansion joints, guard-rail bases or solar panel bases, antenna mounts, creepers, drainage joints, gutters... in all types of construction works: Balconies, terraces, traditional roofs, engineering works, etc.



economic
fast-curing
resistant
reliable



systems

FAST INSTALLATION & SUPERIOR AND DURABLE QUALITY

Few locations in a building are subject to such high mechanical constraints as parking areas* and grandstands. Difficulties linked to working time, bad weather conditions, temperature and rain, implementation deadlines and business loss, play a key role when selecting a waterproofing system.

The right choice is required for the solution, which must combine resistance and reliability over time and quick installation.

Alsan® 972 F is the ideal solution, because the products was developed and perfected to meet these requirements.

Used with the **Alsan® 972 F** pigmented finish, ultra rapid curing **Alsan® 770** PMMA resin is durable, elastic, extremely resistant to mechanical stress, spontaneous cracking, and static and dynamic puncturing.

On a day-to-day basis, in addition to waterproofing, **Alsan® 972 F** finishing gives long-term protection to the building also providing it with anti-slip safety, and making it attractive and easy to clean.

Alsan® 972 F is available in a large number of RAL colours.

* Outside of building area in France



+ Visibility

- Liquid waterproofing systems combine attractiveness with puncture resistance.

+ Resistant

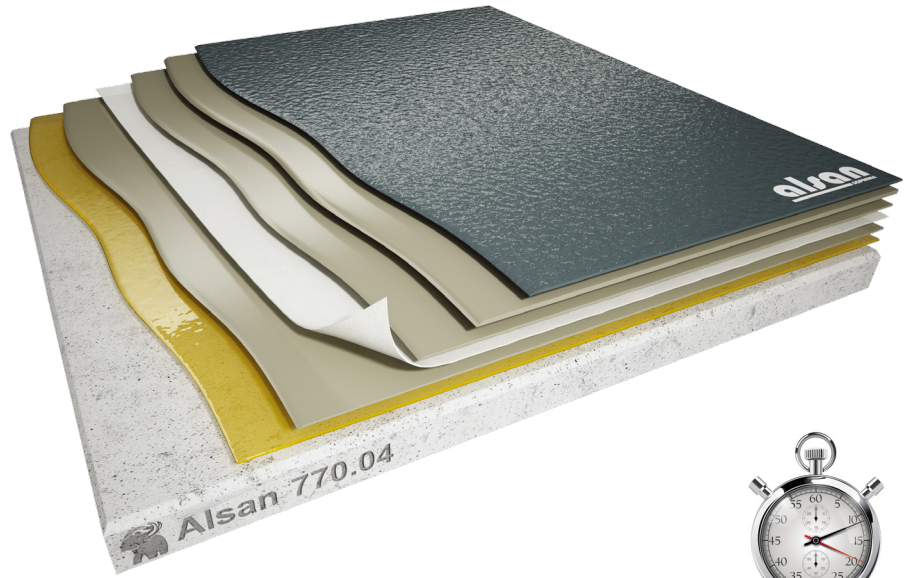
- Extremely resistant to mechanical stress and highly resistant to spontaneous cracking.

+ Quick installation

+ Reliable

+ Easy to clean

- In case of deterioration, the systems can be indefinitely repaired.



**FAST
CURING**

Structured waterproofing system

Highly non slip and wear resistant PMMA waterproofed coating for ramps, sloping driveway... dedicated for high stress areas - Wide colour range

for grandstands & parkings



RENOVATING AN ACCESS RAMP

Day 1: 8:00 – 12:00 am Preparing, shot-blasting and sanding the surface.

1:00 - 5:00 pm Primer and waterproofing of special areas:
upstands, drain/pipe penetrations, drainage holes...

Day 2: 8:00 – 12:00 am Waterproofing main areas.

1:00 – 5:00 pm Wearing and roadway coats, finishing for upstands.



aesthetism variety choice



alsan® 770

FINISHINGS ADAPTED TO YOUR NEEDS

Depending on your choice of systems, different finishing coats are available for details, upstands and open areas of roof terraces, balconies and parking areas:

- **Deco Finish:** A finishing that combines discretion and attractiveness, (example: visible connection areas, upstands, walkway).
- **Deco Finish*:** the objective is an attractive finish, combined with **Alsan® Deco Chips***, (example: private terraces with direct access).
- **Deco Protect:** For an attractive non-slip finish (example: open space of parking areas and grandstands).
- **Deco Protect*:** For a resistant covering with attractive **Alsan® Deco Chips*** (example: visible connection areas, upstands, walkways). Colours available in RAL shades.
- **Deco Structur:** This highly resistant non-slip finish is particular suited to high stress areas (example: access ramps to parking areas, walkways).
- **Deco Mix:** For a contemporary yet resistant finish of attractive colour combinations, (example: balconies, walkways, loggias).

* Black, white or grey decorative chips.



+ Choice

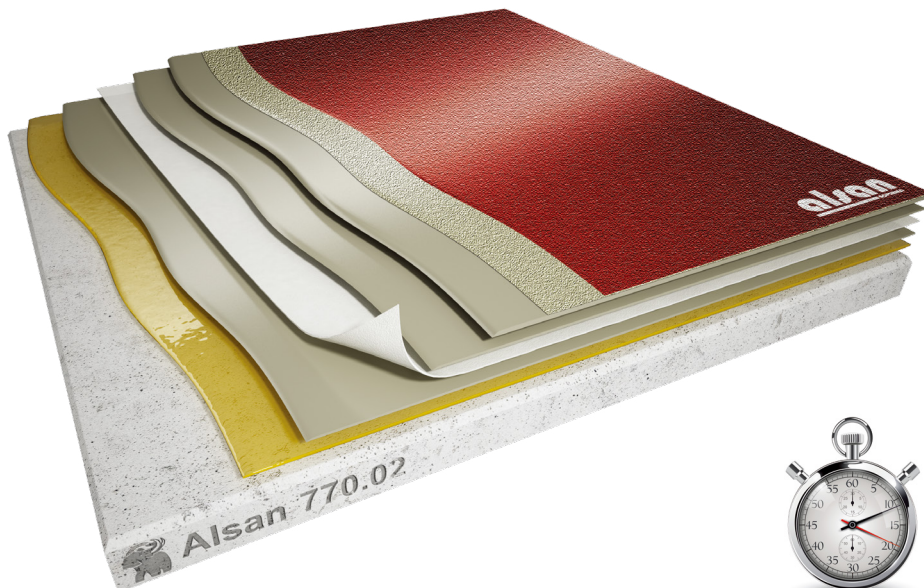
- A large colour selection available in RAL shades.

+ Flexible

- Products adapted to the different technical and mechanical constraints of Alsan® 770 systems.

+ Attractive

- For a variety of aspects.



**FAST
CURING**

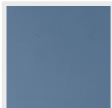
Non-slip decorative waterproofing system

Aesthetic non-slip finishing - Several grain sizes - Wide colour range

finishing options

DECORATIVE ASPECTS

Deco Finish



Aspect: smooth.
Finish : Alsan® 970 F pigmented.
Available RAL colours: on request.

Deco Finish⁺



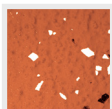
Aspect: smooth + Alsan® Deco Chips (non-slip effect).
Finish : Alsan® 970 F pigmented + Alsan® Deco Chips*.

Deco Protect



Aspect: rough, non-slip
Preparing : natural quartz sand.
Finish : Alsan® 970 F pigmented.
Available RAL colours: on request.

Deco Protect⁺



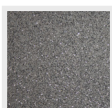
Aspect: rough + Alsan® Deco Chips (non-slip).
Preparing: natural quartz sand.
Finish : Alsan® 970 F pigmented + Alsan® Deco Chips*.

Deco Structur



Aspect: mineral parging
Finish : Alsan® 972 F pigmented.
Available RAL colours: on request.

Deco Mix



Aspect: Orange peel (non-slip effect).
Preparing: Alsan® 970 F pigmented + micro-Chips* (colours on request).
Protection : Alsan® 970 FT (transparent finish).

* Decorative chips colours: black, white, grey.

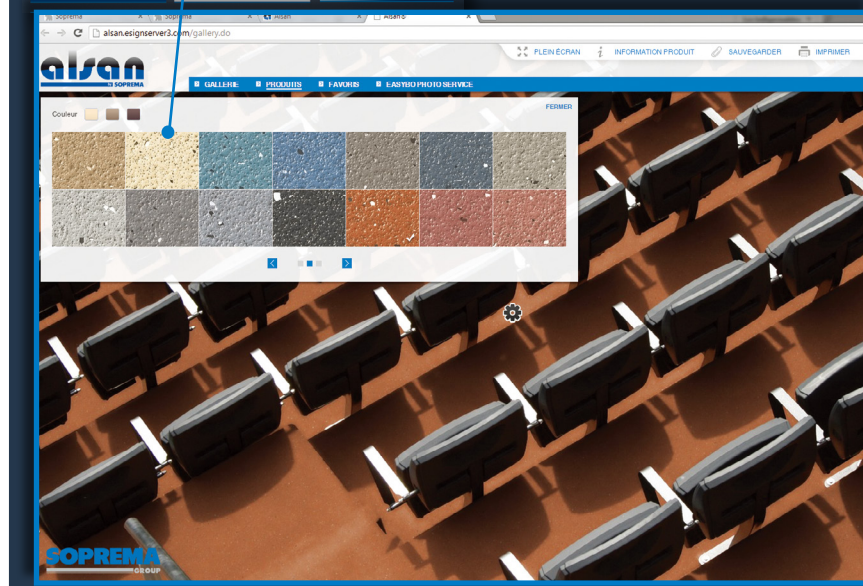
www.alsan.com



PREVIEW GENERATOR DISCOVER YOUR FUTURE PROJECTS!

SOPREMA has developed for its customers a direct simulation module for viewing all the visual, decorative and technical possibilities offered with the Alsan® range of products.

Internet users may send their own pictures, that will be processed within 24 hours, and view their future projects.



references in the world



alsan® 770

ALSAN® 30 YEARS OF SUCCESS

Our privileged customer relations are the result of our strong market presence: close ties with entrepreneurs, architects and design agencies, a personal commitment, and the expertise of our employees, and foremost our availability and logistics to guarantee efficiency and quick service.

From the planning stage to implementation, **SOPREMA** provides the competent support you need for your projects.

A SELECTION OF ALSAN® 770 PROJECTS

Connection areas, upstands and special treatments

- Stairwell, Brugg, Switzerland.
- Giardino residential housing, Schlieren, Switzerland.
- Maladière Soccer stadium in Neuchatel, Switzerland.
- Matino plant, Lommel, Belgium.
- Magenta, Rotoflex entrance, Grenchen, Switzerland.

Roof terraces.

- Bellevue Hospital Center, New York, United States
- Roof renovation, Aarberggasse, Berne, Switzerland
- Renovation of a private terrace, Blegny sur Liège, Belgium.
- New housing in Heimberg, Belgium.
- U.S. Air Force Academy

- Flatiron Building, New York, United States
- Fashion Institute of Technology, New York, United States
- The Pentagon, Washington, DC, United States
- Denver Federal Center, Denver, CO, United States
- Yale School of Nursing, New Haven, CT, United States
- Abraham Heschel High School, New York, United States
- Zukeran Elementary School, Okinawa, Japan

Balconies

- German Embassy, in Belgravia Square, London, United Kingdom
- Balconies, Route de Geneve, Lausanne, Switzerland.
- Walkways and balconies in collective housing Röntgenstrasse, Zurich. Switzerland.





references in the world



A SELECTION OF ALSAN® 770 PROJECTS

Engineering work and underground areas

- Passerelle des Deux-Rives, France & Germany.
- Parking lot, Herverle, Louvain, Belgium.
- Parkhaus Kö, Düsseldorf, Germany.
- Disney Au'ani Resort and Spa, Hawaii, United States
- Windsor House Car Park, Hong Kong, China
- 76 Crosby Street, New York, United States
- Goldwater Hospital, Roosevelt Island, New York, United States



SOPREMA GROUP at your service

More information on: www.alsan.com

Looking for a sales contact in order to discuss a future project or a project that is under way?

Contact our sales division:

SOPREMA ASIA PACIFIC

SINGAPORE

+65 6818 6353

Level 39 Marina Bay Financial
Centre Tower 2,
10 Marina Boulevard
Singapore
018983

Fax: +65 6818 6111
info@soprema.com.sg

HONG KONG

+852 3552 2848

Level 12, 1 Peking Road,
Tsim Sha Tsui,
Kowloon Hong Kong
SAR
China

Fax: +852 3980 9333
info@soprema.hk

CHINA

+86 21 6252 1882

Unit E, 9F, Block 4,
Kingboard Enterprise Square
No.269 Tongxie Road,
Changning District
Shanghai
China
200335

Fax: 86 21 6252 1992
info@soprema.cn

AUSTRALIA

+61 2 8051 3153

Level 36, Gateway,
1 Macquarie Place
Sydney
NSW 2000
Australia

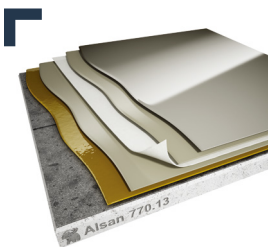
info@soprema.com.au

VIETNAM

+84 8 3520 2944

Unit 721-3, Level 7,
Me Linh Point Tower,
2 Ngo Duc Ke Street,
District 1, Ho Chi Minh City,
Vietnam

info@soprema.com.vn



SOPREMA

GROUP

e-mail: contact@soprema.com - www.soprema.com