

SOPREMA WATERPROOFING SYSTEMS

TORCH-ON, PVC, FOUNDATIONS,
LIQUID SYSTEMS AND ACCESSORIES



SOPREMA is an international manufacturer specializing in the production of innovative products ranging from building envelope waterproofing protection to civil engineering applications. SOPREMA provides high performance solutions for roofing, above and below-grade waterproofing, insulation, soundproofing, vegetated solutions, air and vapor barriers as well as civil engineering waterproofing. Founded in 1908 in Strasbourg, France, SOPREMA is now located in over 90 countries.

SOPREMA has had a presence in Australia and New Zealand for over 35 years supplying waterproofing solutions adapted to the local climate conditions.

SOPREMA ANZ offices are located in Sydney, Melbourne and Auckland, with distribution centres located across the region.



ROOFING &
WATERPROOFING



INSULATION



VEGETATED
SOLUTIONS



SOUNDPROOFING



ACCESSORY
PRODUCTS





MISSION

ENSURE COMPANY GROWTH AND PROFITABILITY WITH:

- Innovation and business opportunities
- The autonomy and skills of our employees
- The efficient production of quality products
- The best technical support in the industry
- Synergy between various sectors of the company

The sale of products for:

- Roofing
- Waterproofing
- Wall Systems
- Civil Engineering projects

VISION

TO BE THE LEADER IN THE AREAS OF DEVELOPMENT, PRODUCTION AND SALE OF PRODUCTS THAT MEET AND EXCEED THE REQUIREMENTS OF OUR MARKETS.



VALUES

INTEGRITY AND RESPECT

Integrity and respect shall always be at the foundation of our relationships with customers, suppliers, colleagues, and the collective building industry.

COMMITMENT

We are **committed to excellence** in all of our endeavors. We must show proof of judgement, professionalism, rigor, personal discipline, perseverance, team spirit and a customer-centered attitude.

ENVIRONMENT

Our activities and growth should take place against a backdrop of **sustainable development** aimed at reducing harmful effects on the environment as much as possible.

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.

Gold Coast university Hospital
Gold Coast, QLD
COLPHENE



Sydney Metro
Sydney, NSW
FLAGON



PRODUCTS FOR EVERY APPLICATION



ROOFING

SOPREMA's high performance roof systems are designed with one basic criteria in mind: **durability**. Whether the two great SOPREMA modified bitumen classics: SOPRALENE® and SOPRASUN®, or ALSAN®PVC and SOPRASmart® laminated boards, they are all examples of SOPREMA's highly durable products. These systems take different forms: bituminous, synthetic, liquid applied polymeric membranes, and labor saving laminated boards; each providing solutions with exceptional properties and benefits to fit your specific needs.

VEGETATED ROOFS

With SOPRANATURE®, SOPREMA has developed several vegetated roof systems that can be easily installed on any of its membrane systems. Light weight and low maintenance, SOPRANATURE systems distinguish themselves in the vegetated roof sector.

FOUNDATIONS

The COLPHENE® line encompasses products utilized in foundation waterproofing, from self-adhered to thermofusible SBS-modified bitumen membranes to liquid applied systems. Tough and dependable, COLPHENE systems are available to protect all types of foundations; conventional waterproofing installed directly on the foundation walls, or blindside (pre-applied) waterproofing for projects in dense urban areas.

WALLS

The SOPRASEAL® line includes permeable and non-permeable options in both prefabricated membranes and liquid applied materials that ensure air and vapor protection of the building envelope. SOPRASEAL® air and vapor barrier solutions offer durability that can only be obtained with SOPREMA.



ROOFING &
WATERPROOFING



INSULATION



VEGETATED
SOLUTIONS



SOUNDPROOFING



ACCESSORY
PRODUCTS

BALCONIES, PLAZA DECKS, FOUNTAINS AND PONDS

The ALSAN RS rapid-setting liquid applied waterproofing systems, composed of different polymethyl methacrylate (PMMA) and polymethacrylate (PMA) based resins, are part of the many solutions proposed by SOPREMA for roofing and waterproofing applications. These liquid applied systems seal and protect roofs, balconies, plaza decks, pedestrian walkways and many more applications.

PARKING DECKS

Products from the ALSAN RS line are high performance liquid applied waterproofing solutions which may be used for the protection of concrete structures, such as parking decks. TRAFIKROCK products are specifically used to waterproof parking decks. The line includes a choice of primers and thermofusible membranes. Both TRAFIKROCK and ALSAN RS protect the structural concrete against corrosion mainly caused by water, de-icing salt and other chemicals.

BRIDGES

SOPREMA has developed specialized ANTIROCK products for sealing bridges as well as civil engineering applications. ALSAN RS systems are also available for use in certain bridge deck waterproofing applications.

TECHNOLOGIES

Over the years, SOPREMA has developed and marketed the best technologies in the industry, with the constant objective of leading with high-performance, high-quality products.

SBS-MODIFIED BITUMEN

SOPREMA has been mastering SBS-modified bitumen technology since SOPRALENE® was commercialised in 1975. SBS products offer peace of mind thanks to their excellent durability in all climates and conditions. SBS-modified bitumen technology is extremely versatile providing robust membrane systems for use in roofing, below-grade waterproofing, civil engineering applications and more. SOPREMA's surfacing options range from traditional granules to multiple choices to meet any "cool roof" requirement. Numerous application methods also ensure that SBS systems may be installed in virtually any condition on any building at any time.

PMMA/PMA LIQUID APPLIED MEMBRANES

SOPREMA's specialized line of polymeric PMMA/PMA liquid applied membranes includes a complete offering of resins, reinforcements and accessories providing a variety of seamless roofing and waterproofing solutions. The performance, durability, and application flexibility of SOPREMA liquid applied membranes is outstanding – from pedestrian to vehicular trafficable systems, for hard to access areas, or the need for high chemical resistance, SOPREMA has the flexible PMMA/PMA membrane solution. Customized finishes and ease of application also make this technology ideal for decorative surfaces and when aesthetics are a consideration.

SYNTHETIC MEMBRANES

Our line of high performance synthetic membranes are composed of plasticized PVC (thermoplastic polyvinyl chloride). These products, marketed under the FLAGON® brand name are inherently fire and chemical resistant and offer design flexibility for use in both low and steep slope applications. Our PVC membranes are offered in white and a variety of other colors including our Copper Art and Silver Art variations. Metallic powders are incorporated into the PVC formulation of Copper Art and Silver Art replicating the appearance of standing seam metal roofs for sophisticated designs. Copper Art is designed to patina to match the aesthetic of natural copper metal.

INSULATION

SOPREMA's SOPRA-ISO® provides high-performance, high R-value insulation technologies that vary in size and thickness to provide a solution for your energy efficiency and compressive strength needs.

ACCESSORIES & 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.



Edgecliff, NSW
ROOF REFURBISHMENT

TESTING AND APPROVALS

SOPREMA has steadily carved its own niche among the leaders of the roofing and waterproofing industry and is known for its numerous approvals and associations with many certification entities:



COMPLIANCE WITH
AS 4654
STANDARD



FLL ROOT RESISTANCE



Declare.



TIVOLÉ AVE
Rose Bay, NSW
AERISOL FLAM

THE SPIRIT OF INNOVATION

Always attentive to the professionals in the construction industry, SOPREMA is renowned as a pioneer for its new product development initiatives that meet and exceed the needs of its clients. The company was one of the first to develop automated systems for the installation of membranes, and was the first roofing manufacturer to incorporate vegetated roof concepts into their product line. Innovation at SOPREMA also involves active participation in the development of new industry standards.

SUSTAINABLE DEVELOPMENT

The SOPREMA R&D policy is strongly oriented towards sustainable development. For more than 20 years, SOPREMA has taken countless steps to limit the impact of its products and industrial activities on the environment, with a particular emphasis on renewable resources and developing environmentally friendly products, such as SOPRANATURE®, COLPLY® EF, SOPRASTAR® and MAMMOUTH NEO®.



TORCH-ON SYSTEMS

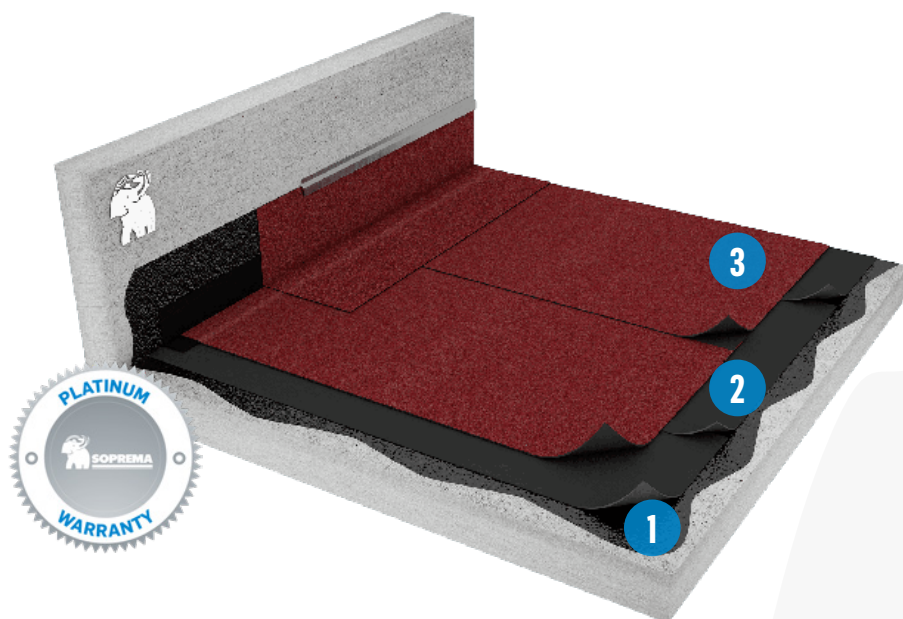


SOPREMA offers a wide range of products manufactured with SBS and APP-modified bitumen, a proven technology providing the utmost durability and reliability ensuring watertight structures for decades. Modified bitumen roofing systems are commonly installed by a torch-on method.

COLD ROOF BUILD UP

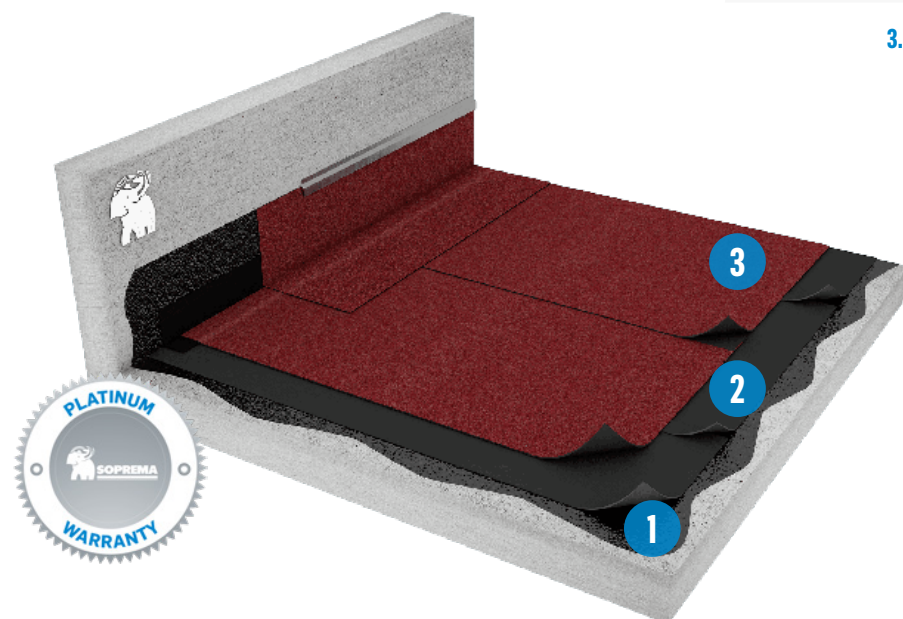
OPTION 1: SBS system

1. Primer: **ANTI ROCK PRIMER**
2. Base Sheet: **SOPRALENE FLAM 180**
(3mm)
3. Cap Sheet: **SOPRALENE FLAM 180 GR**
Mineral (4mm)



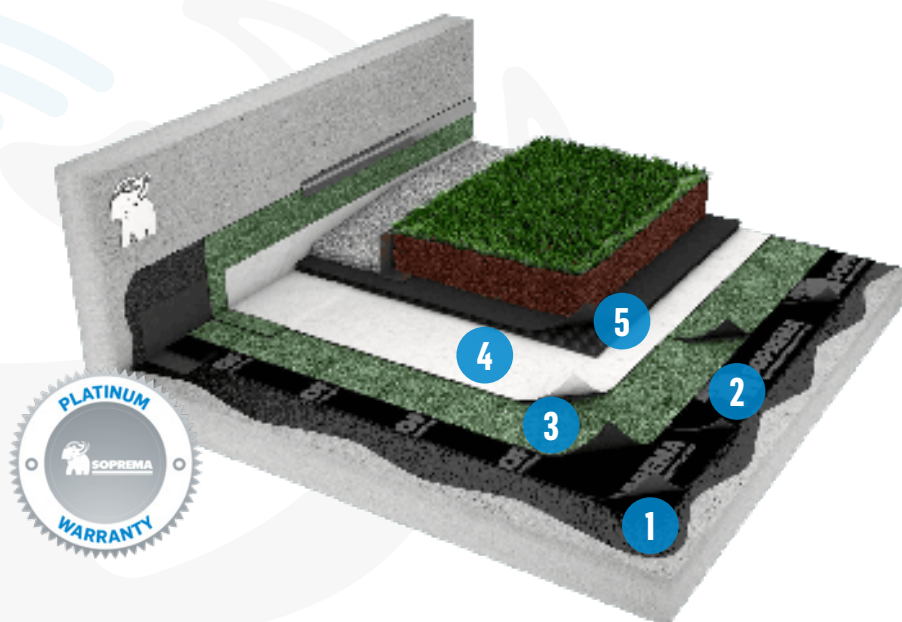
OPTION 2: APP system

1. Primer: **ANTI ROCK PRIMER**
2. Base Sheet: **SOPRASUN PLUS 3**
(3mm)
3. Cap Sheet: **SOPRASUN PLUS 4.5KG**
MINERAL



GREEN ROOF & PLANTER BOXES:

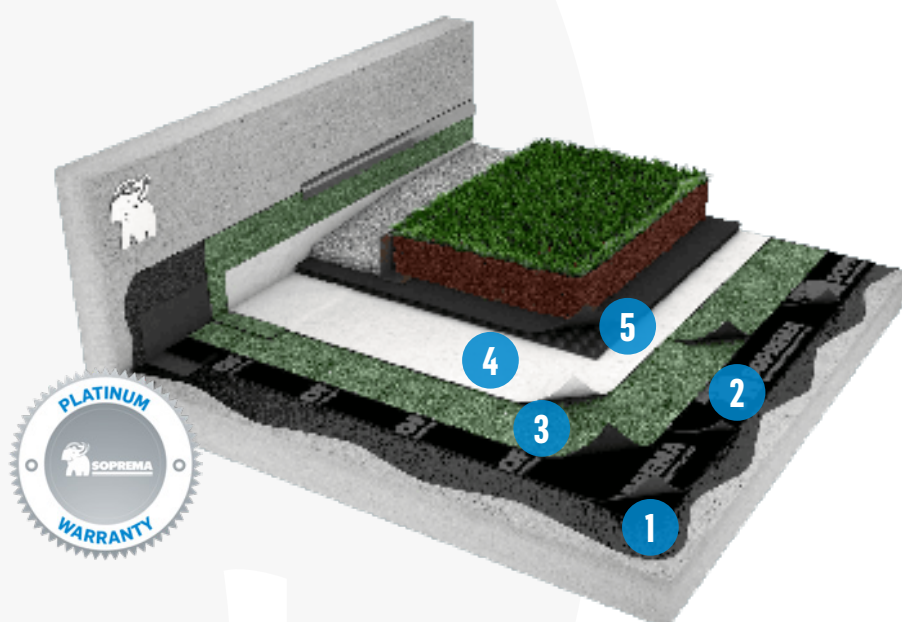
SBS system



1. Primer: **ANTIROCK PRIMER**
2. Base Sheet: **SOPRALENE FLAM 180** (3mm)
3. Cap Sheet: **SOPRALENE FLAM JARDIN CAP** (anti-root)
4. Separation layer: **GEOLAND PT FR 200** (optional)
5. Drainage board: **SOPRADRAIN ECO 10**

GREEN ROOF & PLANTER BOXES:

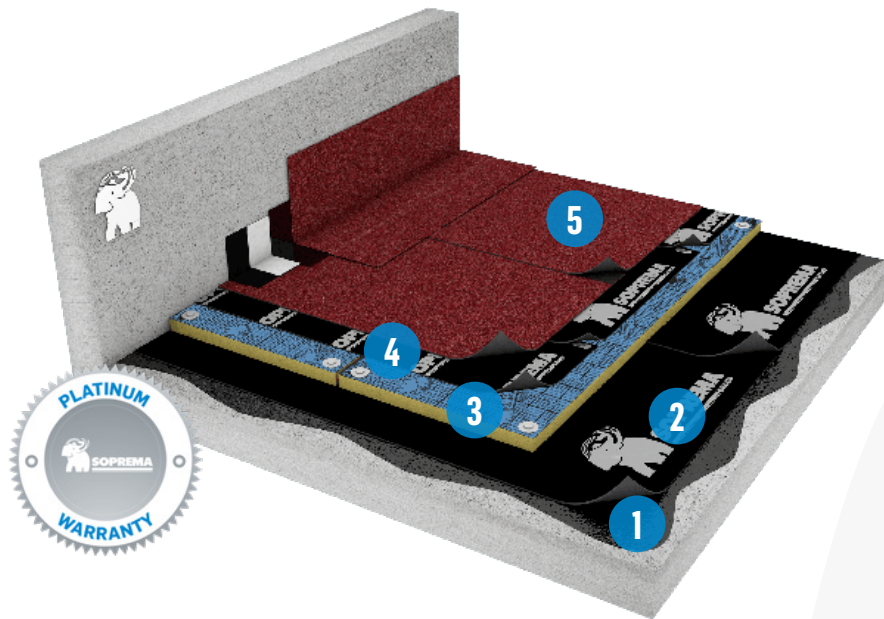
APP system



1. Primer: **ANTIROCK PRIMER**
2. Base Sheet: **SOPRASUN PLUS 3** (3mm)
3. Cap Sheet: **SOPRAGUM GARDEN 4 PLUS** (anti-root)
4. Separation layer: **GEOLAND PT FR 200** (optional)
5. Drainage board: **SOPRADRAIN ECO 10**

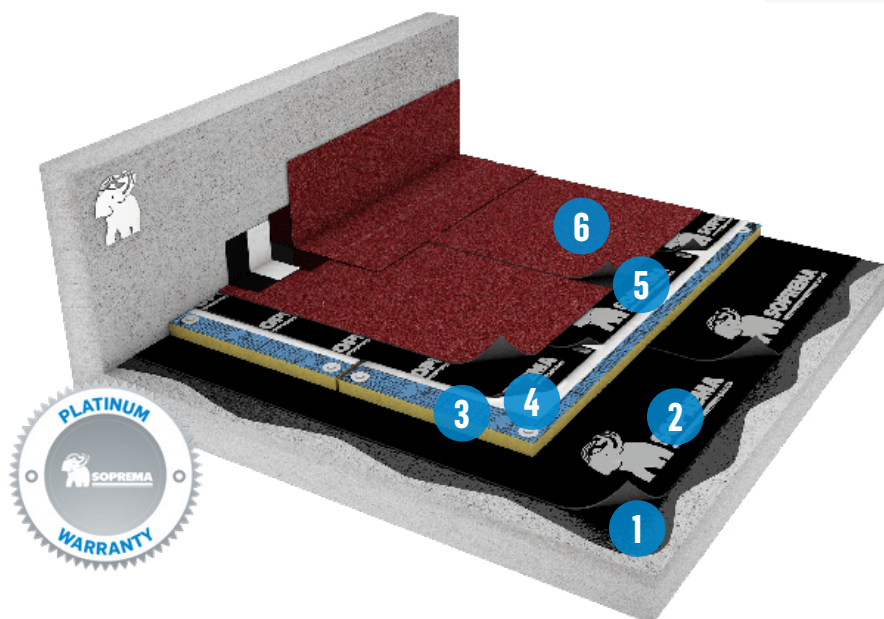
WARM ROOF BUILD UP

OPTION 1: SBS system



1. Primer: **ANTI ROCK PRIMER**
2. Vapour control layer: **SOPRALENE FLAM 180** or **SOPRAVAP'R** with **ELASTOCOL STICK**
3. Insulation: **SOPRA-ISO BLUE**
4. Base sheet mechanically fixed: **SOPRAPHIX BASE 630** (2.5mm)
5. Cap sheet: **SOPRALENE FLAM 180 GR** Mineral (4mm)

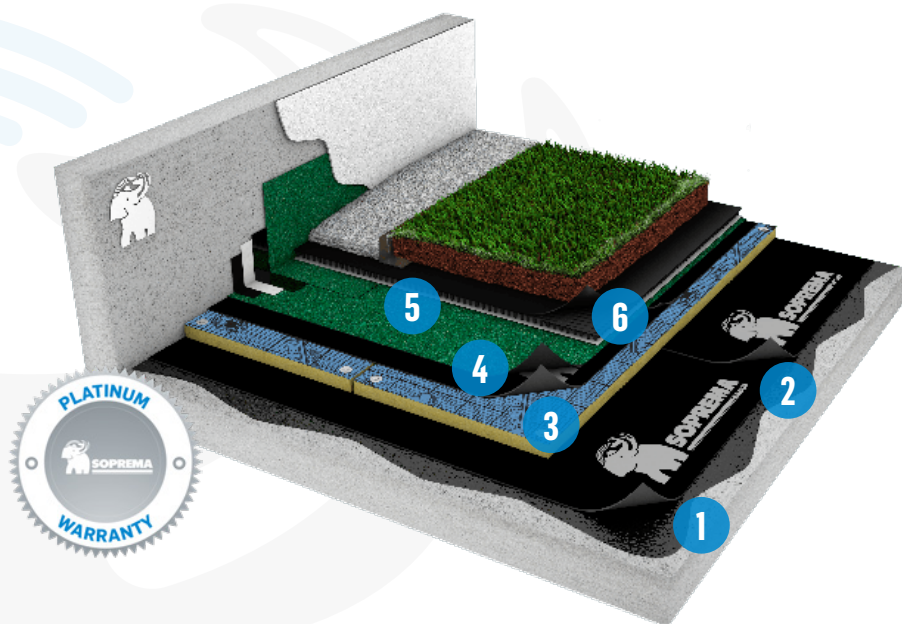
OPTION 2: APP system



1. Primer: **ANTI ROCK PRIMER**
2. Vapour control layer: **SOPRASUN PLUS 3** or **SOPRAVAP'R** with **ELASTOCOL STICK**
3. Insulation: **SOPRA-ISO BLUE**
4. Fire resistant separation layer: **SOPRAVOILE 100**
5. Base sheet mechanically fixed: **SOPRASUN PLUS 3** (3mm)
6. Cap sheet: **SOPRASUN PLUS 4.5KG MINERAL**

GREEN ROOF & PLANTER BOXES:

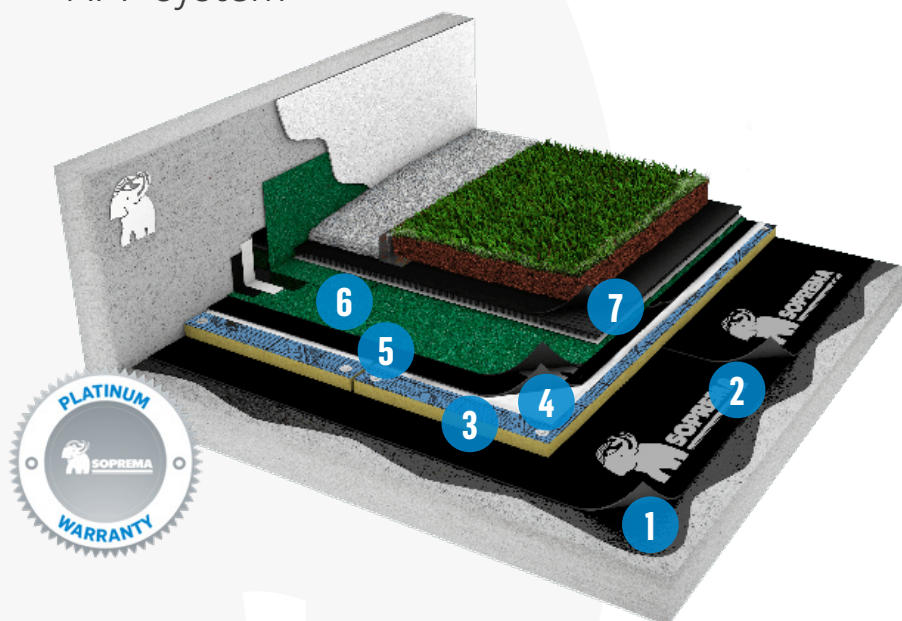
SBS system



1. Primer: **ANTI ROCK PRIMER**
2. Vapour control layer: **SOPRALENE FLAM 180** or **SOPRAVAP'R** with **ELASTOCOL STICK**
3. Insulation: **SOPRA-ISO BLUE** (mech. fixed, or adhered with **DUOTACK**)
4. Base sheet: **SOPRAFIX BASE 630** (2.5mm)
5. Cap sheet: **SOPRALENE FLAM JARDIN CAP** (anti-root)
6. Drainage board: **SOPRADRAIN ECO 10**

GREEN ROOF & PLANTER BOXES:

APP system

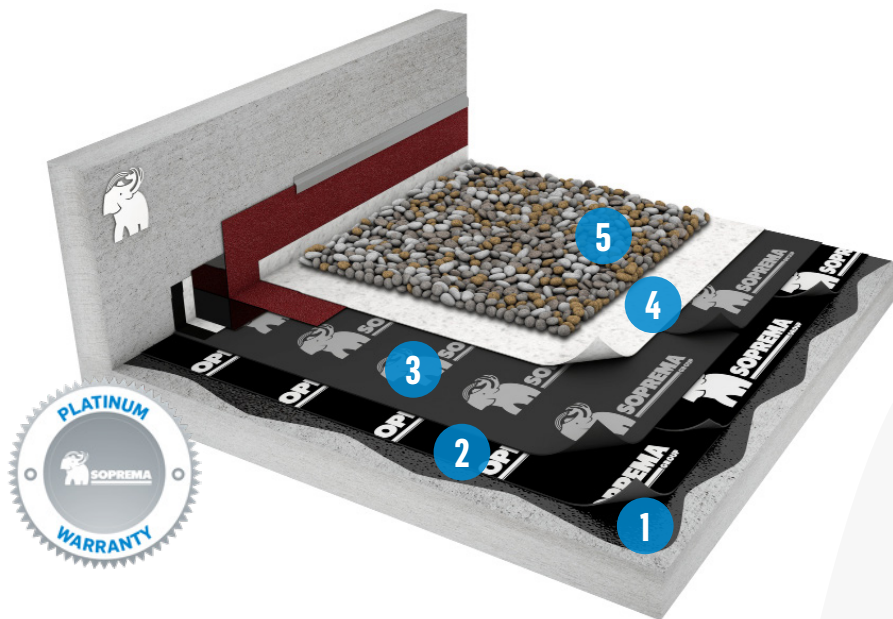


1. Primer: **ANTI ROCK PRIMER**
2. Vapour control layer: **SOPRASUN PLUS 3** or **SOPRAVAP'R** with **ELASTOCOL STICK**
3. Insulation: **SOPRA-ISO BLUE**
4. Fire resistant separation layer: **SOPRAVOILE 100**
5. Base sheet: **SOPRASUN PLUS 3** (3mm)
6. Cap sheet: **SOPRAGUM GARDEN 4 PLUS** (anti-root)
7. Drainage board: **SOPRADRAIN ECO 10**

PROTECTED ROOF BUILD UP

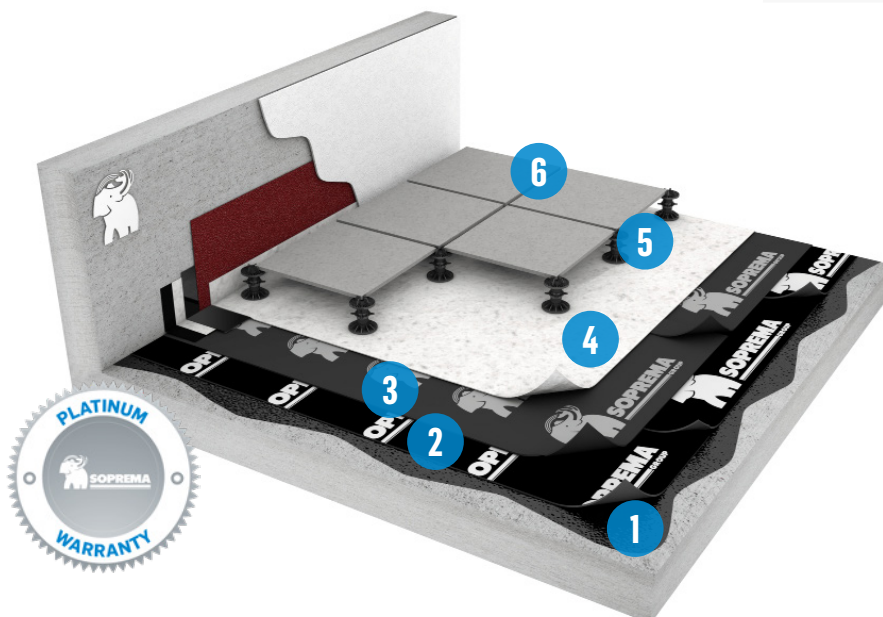
BALLASTED

1. Primer: **ANTIROCK PRIMER**
2. Base sheet: **SOPRALENE FLAM 180** (SBS) or **SOPRASUN PLUS 3** (APP)
3. Cap sheet: **SOPRALENE FLAM 180 GR** (SBS) or **SOPRASUN PLUS 4.5KG MINERAL** (APP)
4. Separation sheet: **GEOLAND PT FR 200** or **SOPRADRAIN ECO 10**
5. Ballast (gravel)



PAVED

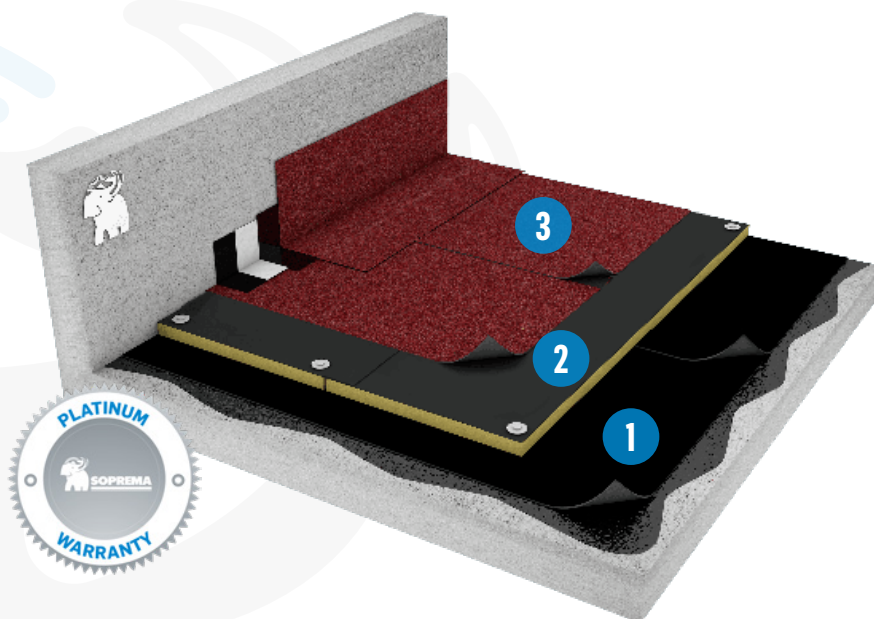
1. Primer: **ANTIROCK PRIMER**
2. Base sheet: **SOPRALENE FLAM 180** (SBS) or **SOPRASUN PLUS 3** (APP)
3. Cap sheet: **SOPRALENE FLAM 180 GR** (SBS) or **SOPRASUN PLUS 4.5KG MINERAL** (APP)
4. Separation sheet: **GEOLAND PT FR 200** (optional)
5. Pavers on pedetals



RECOVERY ROOF BUILD UP

RECOVERY ROOF

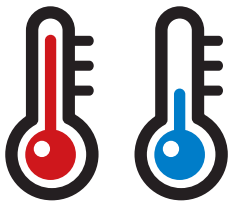
1. Existing failed membrane
2. Recovery board: **2-1 SOPRASMART BOARD** or **3-1 SOPRASMART ROCK**
3. Cap sheet: **SOPRALENE FLAM 180 GR** (SBS) or **SOPRASUN PLUS 4.5KG MINERAL** (APP)



SOPREMA's **INSULATED** ROOFING SYSTEM

R YOU READY?

WARM ROOF SYSTEM

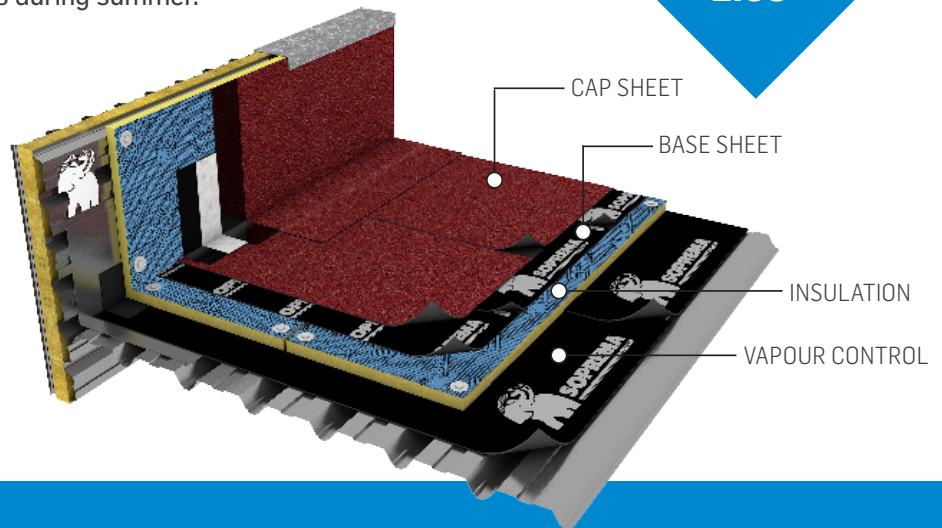


The insulation is installed under the roofing waterproofing system, giving it an excellent thermal performance. It also reduces energy consumption by preventing heat loss during winter and heat gains during summer.

A vapour control layer is installed prior to the insulation board, preventing condensation and moisture.

The full system is manufactured, supplied and warranted by SOPREMA, giving peace of mind to property owners.

* The R_t value was calculated with 50mm thick SOPRA-ISO BLUE board. The value increases with the thickness of the board.



R_t VALUE
2.68*

SOPRA-ISO BLUE

SOPRA-ISO BLUE is a high performance thermal insulation board, composed of closed-cell polyisocyanurate (PIR) foam.

It is laminated on both sides with textured aluminium facer, providing superior fire resistance. The blue upper-facing provides a glare-free surface, easing the installation process.

It is biologically and ecologically harmless, manufactured without the use of CFCs, HCFCs and HBCDs.

DENSITY: 34 kg/m³

R-VALUE (50mm): R 2.35 m²K/W

✓ **SUPERIOR THERMAL PERFORMANCE WITH MINIMAL THICKNESS**

Thermal Conductivity:

- 50 mm - 70 mm: 0,021 W/(m·K)

✓ **EXCEPTIONAL COMPRESSIVE STRENGTH AND DIMENSIONAL STABILITY**

Compressive Strength:

- at 10% deformation: ≥ 160 kPa

✓ **SUPERIOR FIRE RESISTANCE**

Compliance with AS 1530.3:

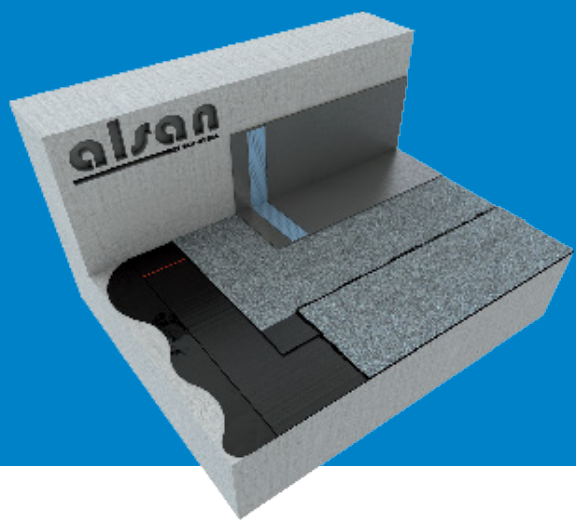
- Flame Spread Index: 0
- Smoke Release Index: 1

ALSAN FLASHING

LIQUID WATERPROOFING

ALSAN FLASHING is a unique polyurethane bituminous resin specially formulated for liquid-applied flashings, details, and maintenance applications. It can be used to waterproof penetrations of all types, perfectly and lastingly.

ALSAN FLASHING offers flexible design through a wide range of colours and finishes. Decorative coloured granules can be added to ALSAN FLASHING top coat to suit specific aesthetic requirements. White and aluminum finishes are also available within SOPREMA's product range.



BENEFITS

- Conforms easily to any geometrical or irregular shapes
- Superior protection against moisture
- Quick-curing seamless flashing that matches granule cap sheet membranes
- Single-component flashing solution: no catalyst needed and no wasted product
- Great for quick, cost-effective repairs

PRODUCTS	DESCRIPTION	APPLICATION	FLEECE
 ALSAN FLASHING	Single-component, polyurethane- and bitumen-based waterproofing coating used to waterproof hard-to-access upstands and other details where it is difficult to apply sheet waterproofing membranes.	BRUSH OR ROLLER	POLYFLEECE
 ALSAN FLASHING JARDIN	Single-component, ready-to-use watertight bitumen-polyurethane resin with anti-root penetration properties, to be used to waterproof upstand, planters, roof edges and all kinds of difficult roof details.	BRUSH OR ROLLER	POLYFLEECE
 ALSAN FLASHING QUADRO	High-performance, single component polyurethane resin, used on details, interfaces and upstands. Ideal in high traffic areas where a cold-applied solution is required. Life expectancy of 25 years.	BRUSH OR ROLLER	ALSAN FLEECE 165 P

TORCH-ON ACCESSORIES

LIQUID FLASHING

PRODUCT

DESCRIPTION

ALSAN FLASHING with
POLYFLEECE

A single component polyurethane/bitumen liquid flashing to be used in conjunction with a reinforcing fabric.

ALSAN FLASHING JARDIN
with **POLYFLEECE**

A single component anti-root polyurethane/bitumen liquid flashing to be used in conjunction with a reinforcing fabric.

ALSAN FLASHING QUADRO
with **ALSAN FLEECE 165**

High performance single component polyurethane resin



PRIMERS

PRODUCT

DESCRIPTION

ANTIROCK PRIMER

For concrete and metal surfaces, improves the adhesion of membranes.

ELASTOCOL STICK

Primer for SOPRAVAP'R



SEALANT

PRODUCT

DESCRIPTION

SOPRAMASTIC

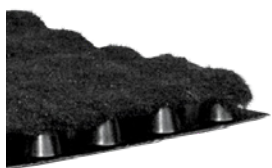
Mastic for terminations and crack filling

SOPRAMASTIC ALU

Aluminium coloured mastic for terminations and crack filling



DRAINAGE BOARD



PRODUCT

SOPRADRAIN ECO 10

DESCRIPTION

Provides outstanding drainage and protection, preventing the buildup of water pressure and protecting the structure from aggressive water, chemicals and toxins.

FIRE RETARDANT MEMBRANE



PRODUCT

SOPRAVOILE 100

DESCRIPTION

Not affected by the heat of membrane's installation (by torch-on techniques or with hot bitumen) and can be used as thermal protection layer on heat sensitive substrates.

ADHESIVE



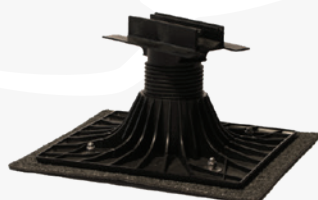
PRODUCT

DUOTACK

DESCRIPTION

Two-component polyurethane adhesive used to adhere layers of insulation boards.

SOLAR SYSTEMS



PRODUCT

**SOPRASOLAR EVO TILT
BITUMEN SOLAR SUPPORT
SYSTEM**

DESCRIPTION

Tilted system requires upper raiser, Lower raiser and universal clamp.

VENTED SHEET



PRODUCT

AERISOL FLAM

DESCRIPTION

Perforated bituminous separating sheet designed for partial bonding of torched-applied waterproofing sheets.

EXPANSION JOINT MEMBRANE



PRODUCT

SOPRAJOINT

DESCRIPTION

Waterproofing membrane specifically designed for waterproofing expansion joints.



FLAGON PVC SYSTEMS

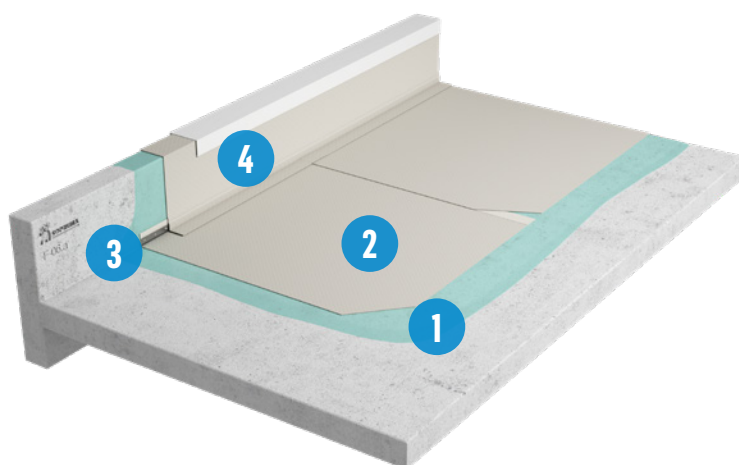


SOPREMA offers a wide variety of PVC single-ply waterproofing membranes for roofing, civil engineering, and swimming pools.

FLAGON PVC waterproofing systems are suitable for both new build and refurbishment projects. The product line offers systems for fully adhered, loose laid and mechanically fixed applications.

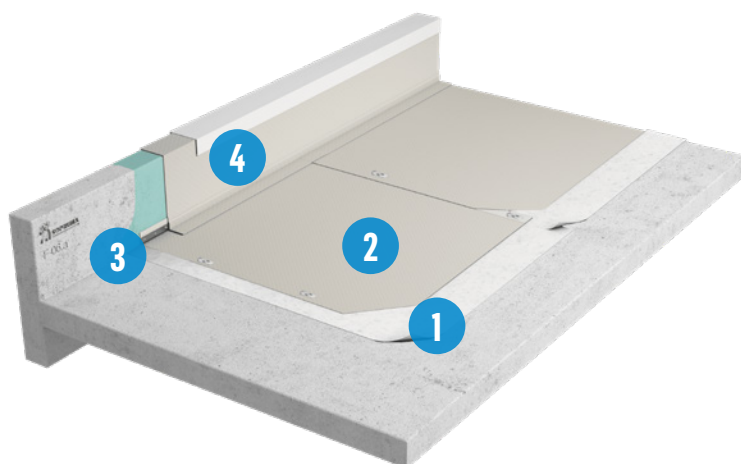
COLD ROOF BUILD UP

OPTION 1: Cold Roof - fully adhered



1. Adhesive: **FLEXOCOL A89**
2. Waterproof membrane: **FLAGON SFC**
Fleece backed PVC
3. Membrane termination: **FLAGMETAL**,
aluminium pressure seal or
extruded termination bar.
4. Waterproof membrane (upstand):
FLAGON SV adhered with **FLEXOCOL V**

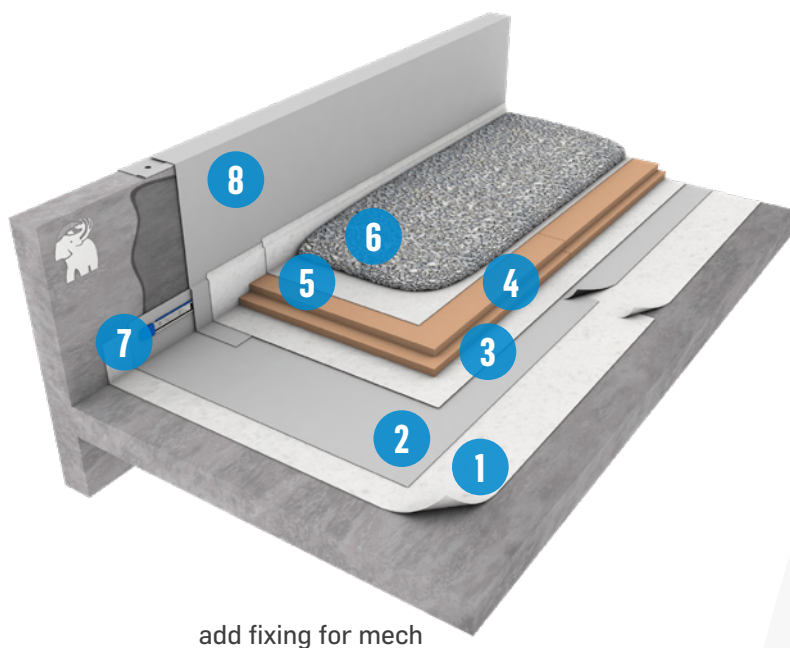
OPTION 2: Cold Roof - mechanically fixed



1. Membrane separation layer:
GEOLAND PP FR 200
2. Waterproof membrane: **FLAGON SR**
mechanically fixed PVC
3. Membrane termination: **FLAGMETAL**,
aluminium pressure seal or
extruded termination bar.
4. Waterproof membrane (upstand):
FLAGON SV adhered with **FLEXOCOL V**

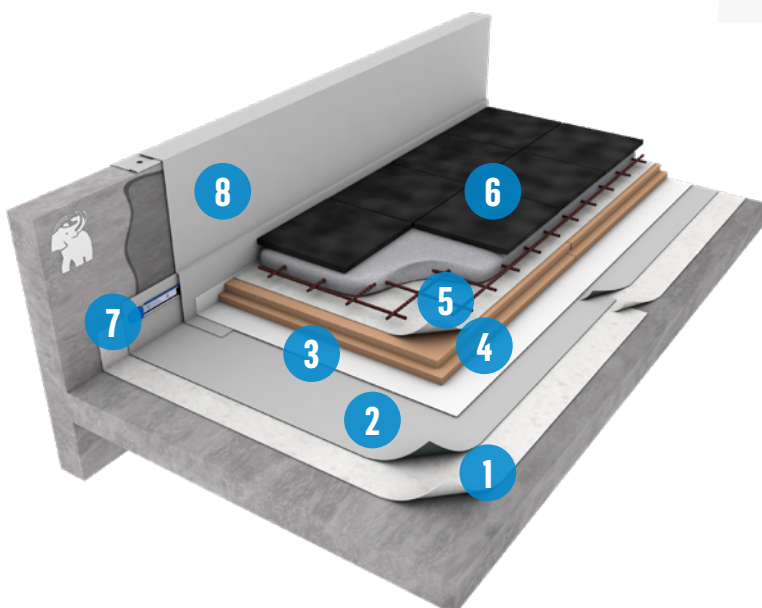
PROTECTED ROOF BUILD UP

BALLASTED: Mechanically fixed



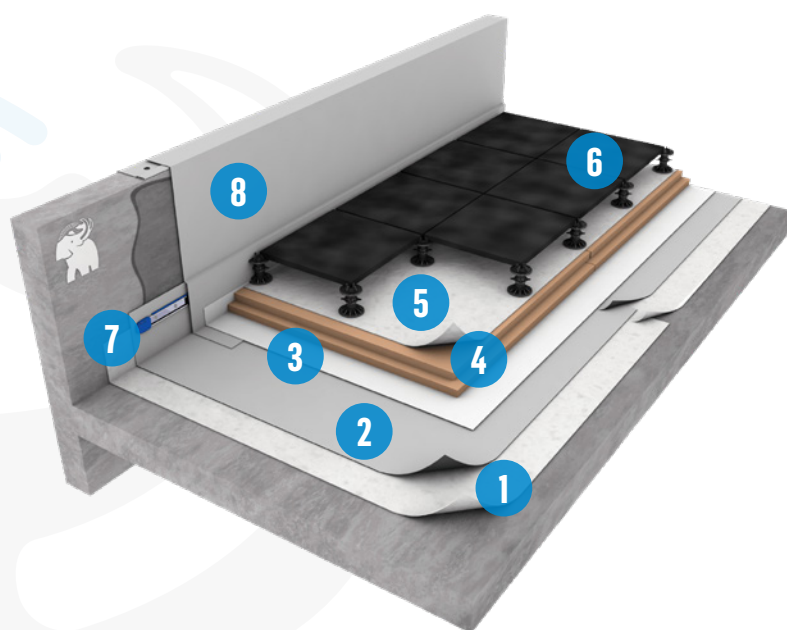
1. Membrane separation layer: **GEOLAND PP FR 200**
2. Waterproof membrane: **FLAGON SR**
3. Separation layer: **GEOLAND PT FR 200** (optional)
4. Insulation: **SOPRA-XPS**
5. Separation layer: **GEOLAND PT FR 200**
6. Ballast (gravel)
7. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
8. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

TRAFFICABLE (TILES)



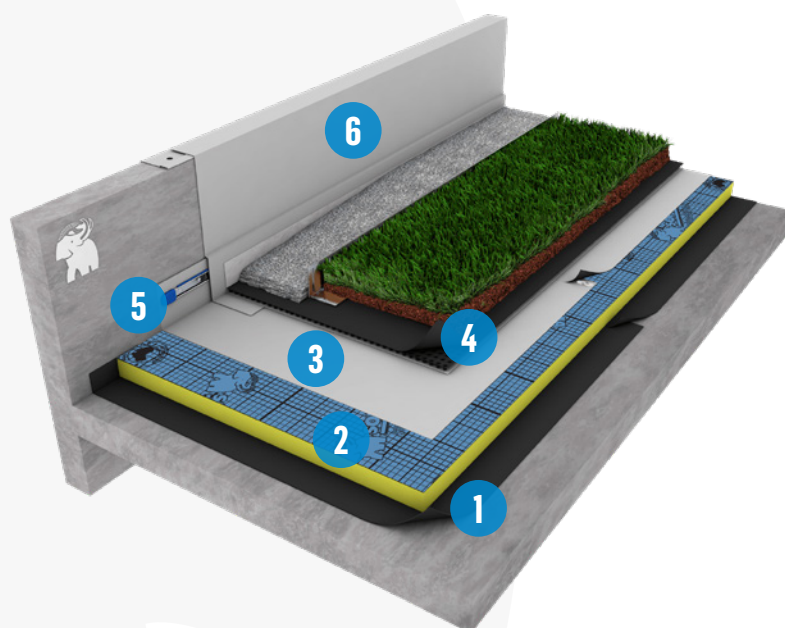
1. Membrane separation layer: **GEOLAND PP FR 200**
2. Waterproof membrane: **FLAGON SR**
3. Membrane separation layer: **GEOLAND PP FR 200** (optional)
4. Insulation: **SOPRA-XPS**
5. Membrane separation layer: **GEOLAND PP FR 200**
6. Tiles on screed
7. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
8. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

TRAFFICABLE (PAVERS)



1. Membrane separation layer: **GEOLAND PP FR 200**
2. Waterproof membrane: **FLAGON SR**
3. Membrane separation layer: **GEOLAND PP FR 200** (optional)
4. Insulation: **SOPRA-XPS**
5. Membrane separation layer: **GEOLAND PP FR 200** (optional)
6. Pavers on pedetals
7. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
8. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

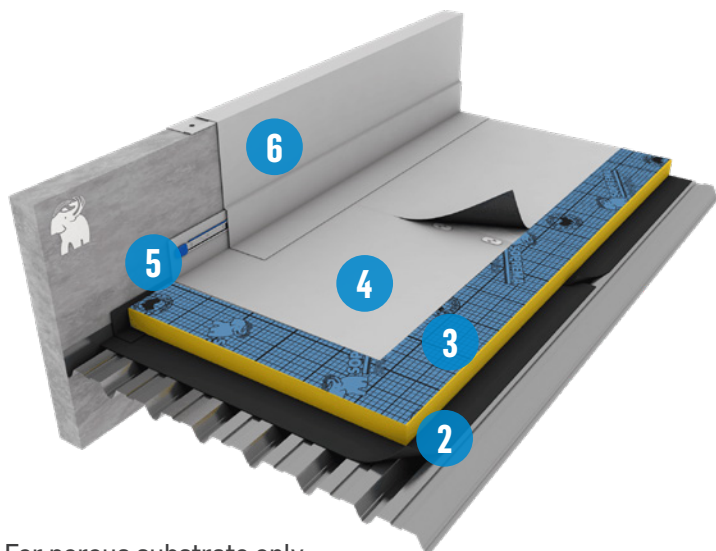
GREEN ROOF & PLANTER BOXES



1. Vapour control layer: **SOPRAVAP'R** with **ELASTOCOL STICK** primer
2. Insulation: **SOPRA-ISO BLUE**
3. Waterproof membrane: **FLAGON SR**
4. Drainage board: **SOPRADRAIN ECO 10**
5. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
6. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

WARM ROOF BUILD UP

WARM ROOF - MECHANICALLY FIXED

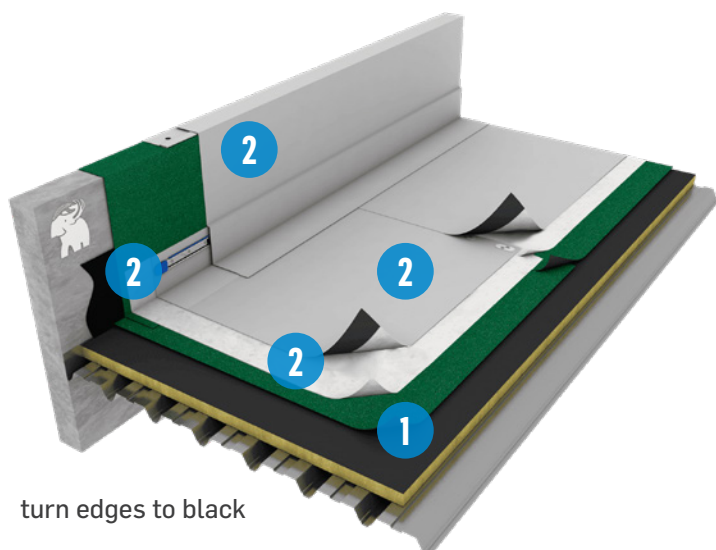


1 For porous substrate only

1. Vapour control layer primer: **ELASTOCOL STICK**
2. Vapour control layer: **SOPRAVAP'R**
3. Insulation: **SOPRA-ISO BLUE** (mech. fixed, or adhered with **DUOTACK**)
4. Waterproof membrane: **FLAGON SR**
5. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
6. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

RECOVERY ROOF BUILD UP

RECOVERY ROOF - MECHANICALLY FIXED

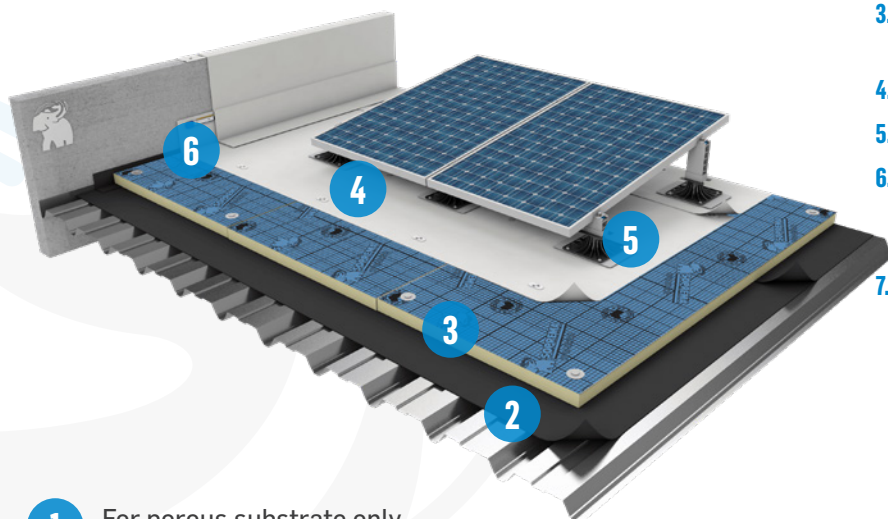


turn edges to black

1. Existing failed system
2. Membrane separation layer: **GEOLAND PP FR 200** (optional)
3. Waterproof membrane: **FLAGON SR**
4. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
5. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

SOLAR SYSTEM

SOLAR SYSTEM

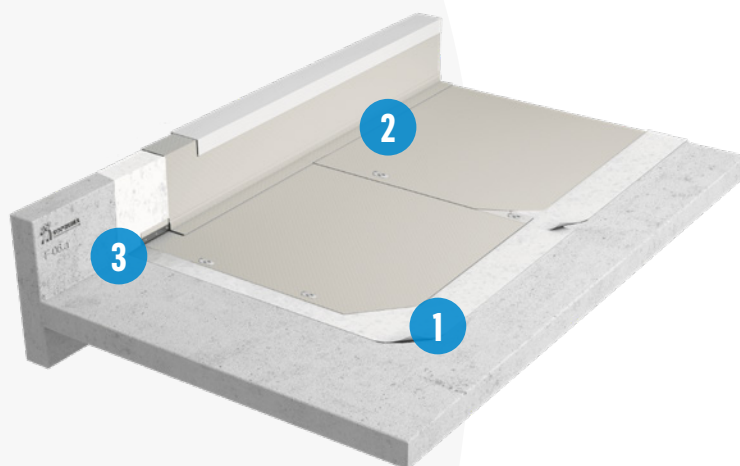


1 For porous substrate only

1. Vapour control layer primer: **ELASTOCOL STICK**
2. Vapour control layer: **SOPRAVAP'R**
3. Insulation: **SOPRA-ISO BLUE** (mech. fixed, or adhered with **DUOTACK**)
4. Waterproof membrane: **FLAGON SR**
5. Solar Support: **SOPRA FIX EVO TILT PVC**
6. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.
7. Waterproof membrane (upstand): **FLAGON SV** adhered with **FLEXOCOL V**

POTABLE WATER TANK

WATER TANK - MECHANICALLY FIXED



1. Membrane separation layer: **GEOLAND PP FR 200**
2. Waterproof membrane: **FLAGON AT**
3. Membrane termination: **FLAGMETAL**, aluminium pressure seal or extruded termination bar.

FLAGON PVC ACCESSORIES



LIQUID SYSTEM

PRODUCT

DESCRIPTION



ALSAN FLASHING QUADRO
with **ALSAN FLEECE 165**

High performance single component polyurethane resin

ALSAN RS DETAILER
with **ALSAN RS FLEECE**

Two-component polymethyl methacrylate-based (PMMA) liquid resin with microfibers

PRIMERS

PRODUCT

DESCRIPTION



ELASTOCOL STICK

Primer for SOPRAVAP'R
Coverage: 0.3 to 0.5 l/m² for porous surfaces,
0.1 to 0.25 l/m² for non-porous surfaces

ADHESIVE

PRODUCT

DESCRIPTION



FLEXOCOL A89

One component adhesive formulated with polyurethane
Coverage: ≥ 250 g/m² for porous surfaces,
150 to 250 g/m² for non-porous surfaces

FLEXOCOL V

Adhesive for standups
Coverage: 500 g/m²

DUOTACK

Two-component polyurethane adhesive used to adhere
layers of insulation boards

DRAINAGE BOARD

PRODUCT

DESCRIPTION



SOPRADRAIN ECO 10

Provides outstanding drainage and protection, preventing
the buildup of water pressure and protecting the structure
from aggressive water, chemicals and toxins.

SOLAR SYSTEMS

**PRODUCT**

**SOPRASOLAR EVO TILT
PVC SOLAR SUPPORT
SYSTEM**

DESCRIPTION

Tilted system requires upper raiser, Lower raiser and universal clamp.

SEPARATION LAYER

**PRODUCT**

GEOLAND PP FR 200

DESCRIPTION

Highly needled non-woven fabric made of 100% polypropylene staple filament geotextile.

PVC ACCESSORIES



FLAGON PIPE COLLAR

CONICAL PIPE COLLAR

**ROOFING SAFETY LINES
CONNECTION**

STANDING SEAM PROFILE

FLAGON PVC WALKWAY

**PREPUNCHED GALVANISED
FLAG BAR**



CONNECTION PIPE COLLAR

RAIN WATER OUTLET

**INTERNAL AND EXTERNAL
CORNERS**

FLAGON WAVY CORNER

FLAGMETAL STRIP

**FLAGMETAL PERIMETER
DRIP PROFILE**

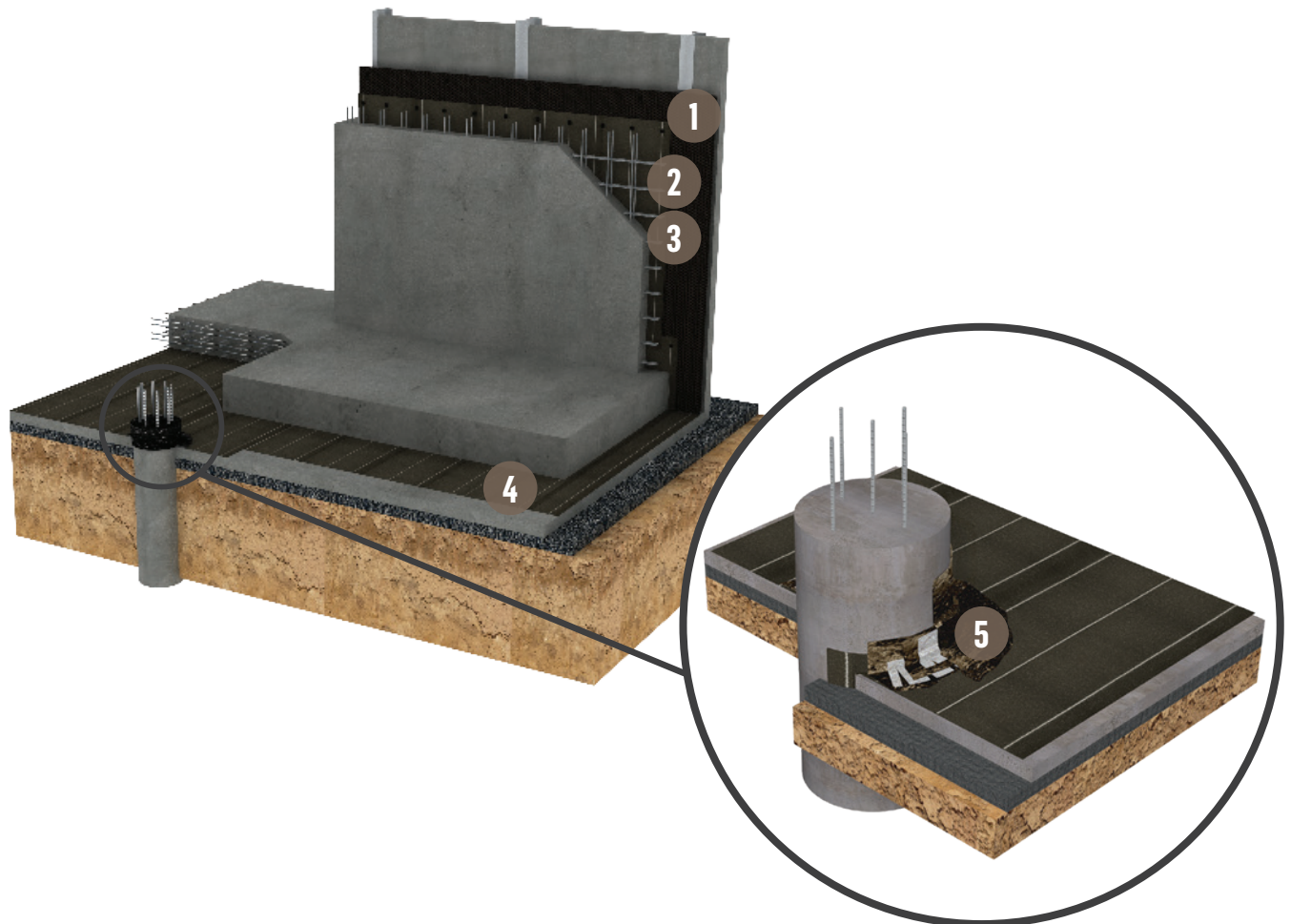
COLPHENE BELOW GROUND SYSTEMS

COLPHENE BSW is the perfect solution when you are waterproofing horizontal and vertical surfaces in blind side wall applications located in high-density areas. Its use is crucial when nearby buildings limit the access and excavation of a new project.



COLPHENE BSW SYSTEM

PRE-APPLIED FULLY BONDED SYSTEM



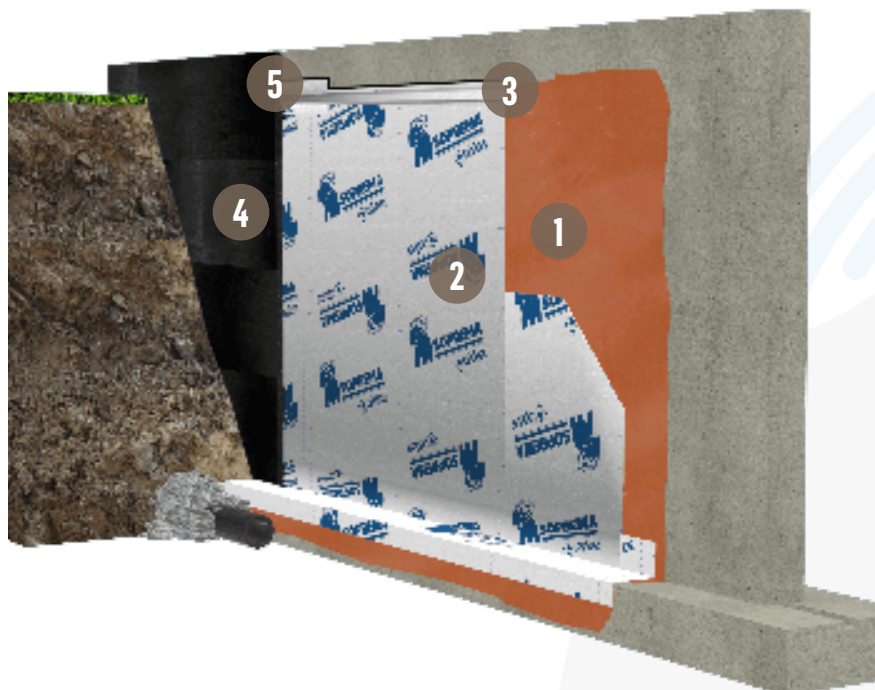
1. Protection/Drainage board: **SOPRADRAIN ECO 10, SOPRADRAIN 10 or SOPRADRAIN 20**
2. Adhesive for vertical: **ELASTOCOL STICK** primer
3. Waterproof membrane for vertical: **COLPHENE BSW V**
4. Waterproof membrane for horizontal: **COLPHENE BSW UNI NG**
5. Pile cap detail for above water table: **ALSAN FLASHING / QUADRO** and reinforcement fleece

Double layer system: **SOPRALENE FLAM 180** base sheet membrane

Membrane separation layer: **GEOLAND PP FR** (optional, depending on the substrate)

COLPHENE 3000 SYSTEM

PRE-APPLIED FULLY BONDED SYSTEM



1. Adhesive primer: **ELASTOCOL STICK**
2. Waterproof membrane: **COLPHENE 3000**
3. Membrane Termination: Aluminium pressure seal, extruded termination bar
4. Protection/Drainage board: **SOPRADRAIN ECO 10, SOPRADRAIN 10 or SOPRADRAIN 20**
5. Mastic Sealant: **SOPRAMASTIC/SOPRAMASTIC ALU**

Liquid detailing: **ALSAN FLASHING / QUADRO** and reinforcement fleece

COLPHENE ACCESSORIES

LIQUID FLASHING

PRODUCT

DESCRIPTION

ALSAN FLASHING with
POLYFLEECE

A single component polyurethane/bitumen liquid flashing to be used in conjunction with a reinforcing fabric.

ALSAN FLASHING JARDIN
with **POLYFLEECE**

A single component anti-root polyurethane/bitumen liquid flashing to be used in conjunction with a reinforcing fabric.

ALSAN FLASHING QUADRO
with **ALSAN FLEECE 165**

High performance single component polyurethane resin

PRIMERS

PRODUCT

DESCRIPTION

ELASTOCOL STICK

Primer for SOPRAVAP'R
Coverage: 0.3 to 0.5 l/m² for porous surfaces,
0.1 to 0.25 l/m² for non-porous surfaces

EPOXY ADHESIVE & GROUT

PRODUCT

DESCRIPTION

ALSAN EP EM

High strength epoxy adhesive used to bond bituminous membranes to a variety of common building materials on vertical and horizontal surfaces.

ALSAN EP CAP

High-performance pre-filled epoxy grout designed for general heavy duty civil engineering applications and for encapsulating pile tops.

DRAINAGE BOARD

PRODUCT

DESCRIPTION

SOPRADRAIN ECO 10

Provides outstanding drainage and protection, preventing the buildup of water pressure and protecting the structure from aggressive water, chemicals and toxins.





SEPARATION

PRODUCT

DESCRIPTION

GEOLAND PP FR 200

Highly needled non-woven fabric made of 100% polypropylene staple filament geotextile.

WATERSTOPS

PRODUCT

DESCRIPTION

**SOPRASWELL NG**

Hydrophilic rubber waterproofing strip that in contact with water and in confined conditions, swells and stops the water infiltration.

**SOPRAJOINT TPE**

Transparent TPE waterstop used at construction joints, around the piles, at termination or to prevent the risk of increased water through the structure at critical areas.

INJECTION HOSE

PRODUCT

DESCRIPTION

**SOPRAHOSE 13
INJECTION SYSTEM**

Re-injectable injection hose system, used to seal construction joints in concrete structures against water ingress.

SEALANT

PRODUCT

DESCRIPTION

**SOPRAMASTIC**

Mastic for terminations and crack filling

SOPRAMASTIC ALU

Aluminium coloured mastic for terminations and crack filling



EXPANSION JOINT MEMBRANE

PRODUCT

DESCRIPTION

SOPRAJOINT

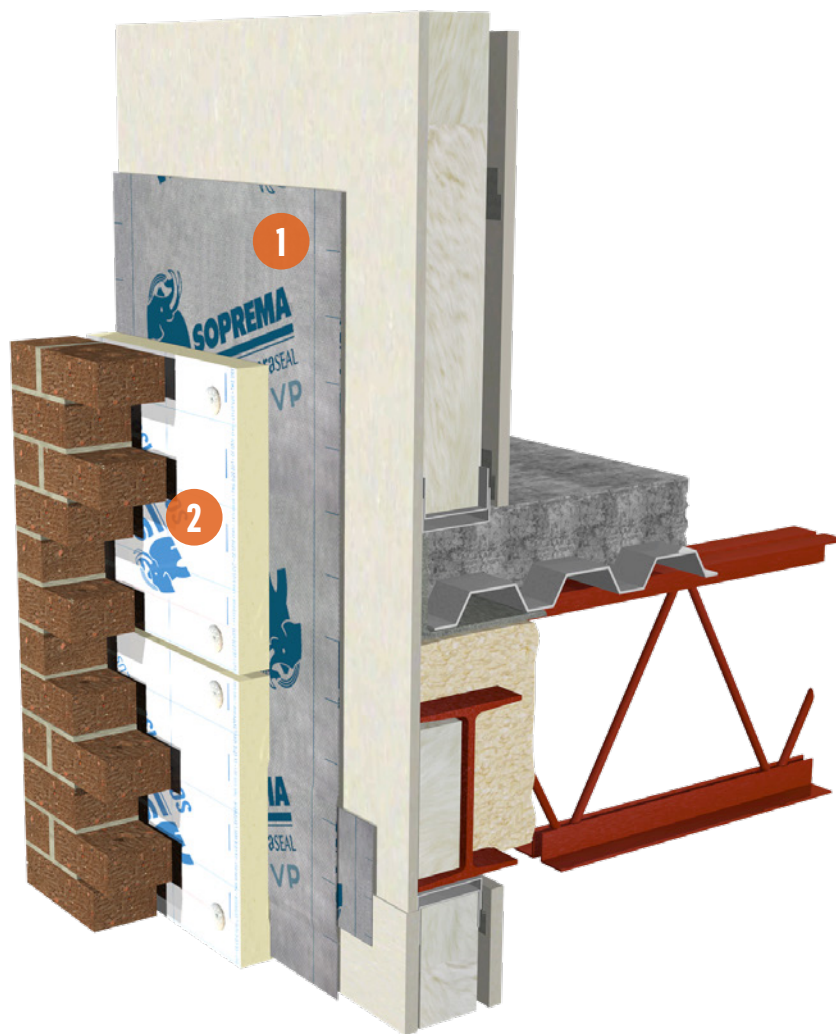
Waterproofing membrane specifically designed for waterproofing expansion joints.



AIR BARRIER SYSTEMS

SOPRASEAL systems ensure continuous waterproofing by making the building enclosure completely air and vapour tight. SOPREMA's self-adhesive, vapour-permeable, air-barrier membranes stand out due to its unmatched adhesive properties and its long UV resistance.

SOPRASEAL STICK VP-S FR SYSTEM



1. Vapour permeable air barrier membrane: **SOPRASEAL STICK VP-S FR**
2. Insulation: **SOPRA-ISO**

No primer required

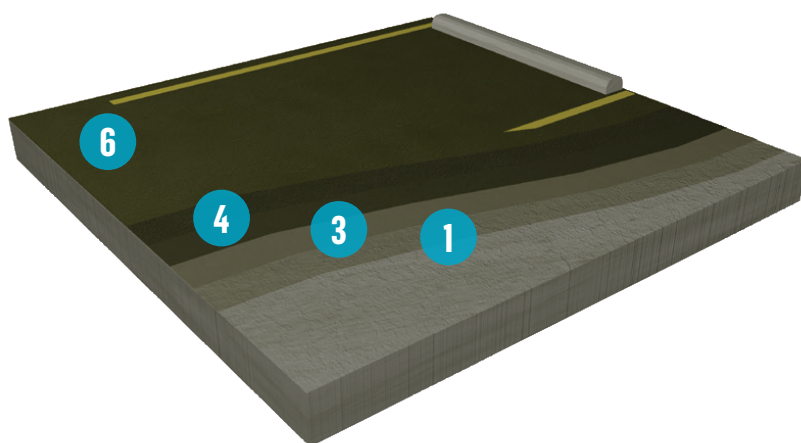


LIQUID SYSTEMS

for balconies and car parks

ALSAN TRAFIK HP 500 is a highly resistant liquid waterproofing system. Part of SOPREMA's ALSAN line of polyurethane waterproofing products, it consists of a primer coat and three single-component polyurethane coats. Due to its superior elongation properties and high abrasive resistance, ALSAN TRAFIK HP 500 system waterproofs and protects concrete structures exposed to both pedestrian and vehicular traffic.

TRAFFICABLE WATERPROOFING SYSTEM



1. Primer: **ALSAN TRAFIK EP 100 H2O** - two component water-based epoxy primer
2. Fillets / Bond Breaker: Appropriate high performance, fast cure, one component polyurethane sealant
3. Membrane coat: **ALSAN TRAFIK HP 520** - single component, ready-to-use, polyurethane waterproofing coating
4. Base wear coat: **ALSAN TRAFIK HP 530** - single component, ready-to-use, polyurethane wear coat incorporated with appropriate non slip aggregates
5. Top wear coat: **ALSAN TRAFIK HP 530** - single component, ready-to-use, polyurethane wear
6. Finish coat: **ALSAN TRAFIK HP 540** - single component polyurethane finishing coat, ensures greater durability and easy cleaning



PRODUCT

ALSAN TRAFIK HP COLORANT

DESCRIPTION

Colorant added to ALSAN TRAFIK HP 500 systems to obtain a different colour to draw lines and delimit certain areas.

NOTES



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.

ROOFS WALLS FOUNDATIONS PARKING DECKS BRIDGES ADDITIONAL EXPERTISE



WATERPROOFING



INSULATION



VEGETATIVE
SOLUTIONS



SOUNDPROOFING



ACCESSORY
PRODUCTS

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

INFO@SOPREMA.COM.AU

[SOPREMA.COM.AU](https://www.soprema.com.au)
