

Project Specification



Project Name _____

Date **XXXXXXX**
Location **Location**
Architect **Architects**
Builder **Builder**
Prepared by **XXXXXXXXXX**



About SOPREMA

Founded in 1908 in Strasbourg, France, SOPREMA is a multinational manufacturer specialising in the production of innovative products for waterproofing, insulation, soundproofing and vegetated solutions, in response to the specific challenges within the construction industry for the roofing, building envelope, and civil engineering sectors.

With over 100 years of expertise, SOPREMA has earned its place as a world leader of the waterproofing industry, and the availability of its technical team. Each year, hundreds of construction professionals – architects, contractors, installers, building owners, and consultants – choose SOPREMA for the quality of its products and its personalised service.

SOPREMA is more than a manufacturer: it is also a partner!

Spirit of Innovation

SOPREMA is recognised as a pioneer for its initiatives to develop new products that meet customer needs and make their work more efficient.

Innovation at SOPREMA also means active participation in the development of new industry standards. SOPREMA's research and development centres are located in Europe and North America, where dedicated professionals work to develop and improve the products, all while keeping SOPREMA's R&D sustainable development policy at the forefront.

Comprehensive Service

Recognised for the expertise and availability of its technical team: our local technical representatives work with and support construction professionals on their projects, from design to build.

In addition to providing great technical support and service to customers, SOPREMA provides continuous training to installers.



COMPLIANCE WITH
AS 4654
STANDARD



Declare.

vicroads
SECTION 691
APPROVED



Scope

Supply and install waterproofing membranes or protective coating systems aimed at protecting the clients building from the effects of water ingress and carbonation.

All systems are backed by full manufacturer's warranties and are to be installed by trained applicators.

Approved applicators are to have significant training and experience in Construction Waterproofing and/or Wall and Floor Tiling, as required for the application.

When required, Bayset representatives (potentially in conjunction with the appropriate manufacturer), will carry out on-site inspections to ensure systems have been installed in accordance with the manufacturer's data sheets and recommendations.

Standards & Codes

Waterproofing, Protective Coating and Tiling works are to be carried out by licensed applicators, accredited by Bayset Specialist Trade Supplies. SOPREMA systems are to be carried out by SOPREMA approved applicators only.

The Building Code of Australia shall be always observed.

Manufactures Data sheets and recommendations must be read before any work is commenced.

All relevant Australian Standards including but not limited to those listed below must be adhered to at all times.

AS/NZ 4858 Wet Area Membranes Materials

AS 3740 Waterproofing of Domestic Wet Areas

AS 4654.1 Waterproofing Membrane systems for exterior use Above Ground Part 1 Materials

AS 4654.2 Waterproofing Membrane systems for exterior use Above Ground Part 2 Design and Installation

AS 3958.1 Guide to the installation of ceramic tiles

BS 8102 Code of Practice for Protection of Below Ground Structures Against Water from the ground

Note: British Standard is used for our below ground systems as no current Australian Standard has been published

Product & Application Requirements

Substitutions of waterproofing membranes, protective coatings or tile adhesive or their systems are not permitted.

All work performed under the requirements of the specification shall be in strict accordance with manufacturer's product data sheets.

It is the contractor's responsibility to ensure all persons under the contractor's control are fully aware of all requirements.

All climactic restrictions for application including ambient and surface temperatures nominated in the manufacturer's product data sheets shall be strictly adhered to.

All contractors/sub-contractors must perform their own due diligence in regards to extent of areas quoted and suitability of membrane specified as changes regularly occur during the design phase.

Special Details#

Where a standard detail does not exist or cannot be applied, an approved alternative must be obtained from Bayset Specialist Trade Supplies before proceeding with the installation.#

Acceptance of Substrate

Surface examination and preparation must be completed in accordance to membrane's Technical Data Sheets.

Be sure plumbing, carpentry and all other works have been duly completed.

Before waterproofing work begins, the owner's representative and waterproofing foreman will inspect and approve deck conditions (including slopes and wood grounds) as well as flashings at parapets, roof drains, plumbing vents, ventilation outlets and other construction joints. If necessary, a non-conformity notice should be issued to the contractor, so that required corrections can be carried out. The start of waterproofing work will be considered as acceptance of conditions for work completion.

All surfaces shall be dry, clean, smooth and free from sharp objects, laitance, oils, grease or any foreign materials which may inhibit or reduce adhesion. Falls across all horizontal surfaces should achieve 1:80 or 1:100 to the nearest drainage point within each segregated area, as per Australian Standards.

No materials shall be installed during rain or snowfall.

When a new membrane is to be adhered to substrate, an adhesion test is recommended.

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ROOFS

WPS-01

Exposed Roofs

Substrate:	Substrate must be prepared as per 'Acceptance of Substrate' section.
Primer:	<i>ANTIROCK PRIMER</i> - a blend of modified bitumen, fast-evaporating solvents and adhesive enhancing additives, used to improve adhesion of torch-on membranes
Base Sheet Membrane:	<i>SOPRASUN PLUS 3 SANDED</i> - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The top surface is coated with anti-adhesive amorphous sand, and the bottom surface is covered with a thermofusible plastic film.
Cap Sheet Membrane:	<i>SOPRASUN PLUS 4.5KG MINERAL</i> - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The underface is covered with a thermofusible plastic film, and the surface is protected by coloured granules.
Sheet Termination:	<i>Pressure Seal</i> ; A Termination bar needs to be mechanically fixed at regular intervals to ensure high pressure against the membrane. Once fitted, the top edge of the bar should have a 10mm fillet of <i>SOPRAMASTIC</i> applied to prevent water ingress down the back of the membrane.
Flashing and Detailing:	<i>ALSAN FLASHING</i> and <i>POLYFLEECE</i> - bitumen/polyurethane waterproofing mono-component resin and polyester reinforcement.
Warranty Period:	20 Years

WPS-02

Ballasted Roofs

Substrate:	Substrate must be prepared as per 'Acceptance of Substrate' section.
Primer:	<i>ANTIROCK PRIMER</i> - a blend of modified bitumen, fast-evaporating solvents and adhesive enhancing additives, used to improve adhesion of torch-on membranes
Base Sheet Membrane:	<i>SOPRASUN PLUS 3 SANDED</i> - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The top surface is coated with anti-adhesive amorphous sand, and the bottom surface is covered with a thermofusible plastic film.
Cap Sheet Membrane:	<i>SOPRASUN PLUS 3 SANDED</i> - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The top surface is coated with anti-adhesive amorphous sand, and the bottom surface is covered with a thermofusible plastic film.
Sheet Termination:	<i>Pressure Seal</i> ; A Termination bar needs to be mechanically fixed at regular intervals to ensure high pressure against the membrane. The top edge of the bar should have a 10mm fillet of <i>SOPRAMASTIC</i> applied to prevent water ingress down the back of the membrane.
Separation Layer:	<i>SOPRADRAIN ECO 10</i> - two-core drainage sheet that provides outstanding drainage
Ballast:	Granules designed for roof finishing.
Flashing and Detailing:	<i>ALSAN FLASHING</i> and <i>POLYFLEECE</i> - bitumen/polyurethane waterproofing mono-component resin and polyester reinforcement.
Warranty Period:	20 Years

WPS-05**Solar Pedestals (Solar Roof)****Substrate:**

Substrate must be prepared as per 'Acceptance of Substrate' section.

Solar Pedestals:

SOPRASOLAR FIX EVO TILT BITUMEN – photovoltaic panel supports that maintain the waterproofing properties of the roof

BALCONIES & PLANTER BOXES

WPS-10**Paved Balconies****Substrate:**

Substrate must be prepared as per 'Acceptance of Substrate' section.

Primer:

ANTIROCK PRIMER - a blend of modified bitumen, fast-evaporating solvents and adhesive enhancing additives, used to improve adhesion of torch-on membranes

Base Sheet Membrane:

SOPRASUN PLUS 3 SANDED - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The top surface is coated with anti-adhesive amorphous sand, and the bottom surface is covered with a thermofusible plastic film.

Cap Sheet Membrane:

SOPRASUN PLUS 3 SANDED - waterproofing membrane composed of APP modified bitumen and reinforced with a non-woven polyester, combined with fiberglass. The top surface is coated with anti-adhesive amorphous sand, and the bottom surface is covered with a thermofusible plastic film.

Separation Layer:

SOPRADRAIN ECO 10 - two-core drainage sheet that provides outstanding drainage

Pavers:

Pavers on pedestals

Flashing and Detailing:

ALSAN FLASHING and *POLYFLEECE* - bitumen/polyurethane waterproofing mono-component resin and polyester reinforcement.

Warranty Period:

20 Years

CAR PARKS, PLAZA DECKS & PLANT ROOMS

WPS-15

Bituminous Car Park System

Substrate:	Substrate must be prepared as per 'Acceptance of Substrate' section..
Primer:	<i>ANTIROCK PRIMER</i> - a blend of modified bitumen, fast-evaporating solvents and adhesive enhancing additives, used to improve adhesion of torch-on membranes
Waterproofing Membrane:	<i>ANTIROCK BRIDGE</i> - Torchable SBS modified bitumen waterproofing membrane with a nonwoven polyester reinforcement mesh (180g/m ²)
Sheet Termination:	<i>Pressure Seal</i> ; A Termination bar needs to be mechanically fixed at regular intervals to ensure high pressure against the membrane. Once fitted, the top edge of the bar should have a 10mm fillet of <i>SOPRAMASTIC</i> applied to prevent water ingress down the back of the membrane.
Flashing and Detailing:	<i>ALSAN FLASHING</i> and <i>POLYFLEECE</i> - bitumen/polyurethane waterproofing mono-component resin and polyester reinforcement.
Warranty Period:	20 Years

SOPREMA's Project References, Technical Data and Details

Project References can be viewed at:	https://soprema.com.au/projects/
Technical Data Sheets can be obtained at:	https://soprema.com.au/tds-download
Technical Details can be obtained at:	https://soprema.com.au/details-download

SOPREMA's Technical Support

SOPREMA has earned its place among the leaders of the waterproofing industry in the world, thanks to the expertise and availability of its technical team. SOPREMA Australia technical representatives support construction professionals in their projects from design through to completion.

Local technical advice from SOPREMA includes:

- ✓ Project review and advice on waterproofing solutions
- ✓ Waterproofing details review for your projects
- ✓ Waterproofing membranes and photovoltaic panel layout assistance
- ✓ Wind load calculations
- ✓ Condensation risk analysis
- ✓ Approved waterproofing contactors list
- ✓ Onsite quality assurance
- ✓ CPD and ongoing training

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