

# Project Specification



**SOPREMA**  
**GROUP**

Project Name \_\_\_\_\_

Date

**Date**

Location

**Location**

Architect

**Architect**

Builder

**Builder**

Prepared by

**Technical Team**



## 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



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 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

## 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 regard 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 with 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.

## In this document

1. ROOFS  
WPS-01 [Vegetated Roofs \(Green Roof\)](#)

## ROOFS

### WPS-01

#### Vegetated Roofs (Green Roof)

<b>Substrate:</b>	Substrate must be prepared as per 'Acceptance of Substrate' section.
<b>Primer:</b>	<i>ANTIROCK PRIMER</i> - a blend of modified bitumen, fast-evaporating solvents and adhesive enhancing additives, used to improve adhesion of torch-on membranes
<b>Base Sheet Membrane:</b>	<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.
<b>Cap Sheet Membrane:</b>	<i>SOPRAGUM GARDEN 4 PLUS BLACK DIAMOND</i> – waterproofing membrane composed of a APP modified bitumen with anti-root penetration properties and a non-woven polyester reinforcement, combined with fiberglass and a black mineral finish giving UV protection.
<b>Sheet Termination:</b>	<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>SOPRASEAL SEALANT</i> applied to prevent water ingress down the back of the membrane.  <i>Note: There should be continuity of membrane across the <u>entirety of the green roof area</u>, across all substrates and under all overlays.</i>
<b>Drainage Board:</b>	<i>SOPRADRAIN ECO 10</i> - two-core drainage sheet that provides outstanding drainage
<b>Flashing and Detailing:</b>	<i>ALSAN FLASHING JARDIN</i> and <i>POLYFLEECE</i> - bitumen/polyurethane waterproofing mono-component resin with anti-root penetration properties and polyester reinforcement.
<b>Warranty Period:</b>	20 Years

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### SOPREMA's Project References, Technical Data and Details

Project References can be viewed at:	<a href="https://soprema.com.au/projects/">https://soprema.com.au/projects/</a>
Technical Data Sheets can be obtained at:	<a href="https://soprema.com.au/tds-download">https://soprema.com.au/tds-download</a>
Technical Details can be obtained at:	<a href="https://soprema.com.au/details-download">https://soprema.com.au/details-download</a>

## 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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