



# EQUUS SOPREMA SOPRASEAL STICK VP

Sustainable, dependable, durable  
wall systems



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## WALL SYSTEMS

SOPREMA carries a full line of air and vapour barriers designed to control the movement of air into and out of a building. Wall systems protect buildings and their interiors by keeping out unwanted moisture with the use of air and vapour barriers. With the proper product selection and installation method air and vapour barriers are designed to aid in energy savings, minimize air leakage, ensure structural durability and are a vital element in the building enclosure.

Understanding the importance of air and vapour barriers is a crucial step in the building design process. Any moisture that breaches the interior of the building cannot only cause structural instability, but it can decrease the air quality levels with mold growth, potentially affecting the health of building occupants. Taking this into account prior to the installation phase can prevent costly modifications in the future. SOPREMA's SOPRASEAL® product line offers vapour permeable and non-permeable solutions with application methods ranging from liquid applied and self-adhered to mechanically fastened, SOPREMA has a product to meet any job requirement. Complementary accessory products designed specifically for compatibility with these membranes provide a perfectly sealed wall assembly, ensuring a moisture free building. SOPREMA's wall system products hold the same quality and durability as expected with all SOPREMA technologies.



## WHY IS THERE A NEED FOR AIR BARRIERS

Air barrier systems are the components of the building enclosure that control the movement of air into and out of a building. They allow wall assemblies to breathe and reduce risk of structural damage and high energy costs.

Selecting the proper air barrier system can lower energy costs, decrease the risk of mold, and other deterioration that may be caused due to moisture infiltration. Air barriers are a vital piece in the continuity of the building enclosure.



## AIR AND VAPOUR BARRIERS

### HOW THEY WORK

When the indoor temperature is higher than the outside air, moisture will flow from the inside out and vice versa. Always keep in mind that water vapour will move from the warm side of the assembly to the cold side. If a wall system does not have an air or vapour barrier, moisture will infiltrate the assembly. With a properly designed and installed air or vapour barrier added to the assembly, moisture will be deterred from penetrating the wall.



## PERMEABLE VS NON-PERMEABLE

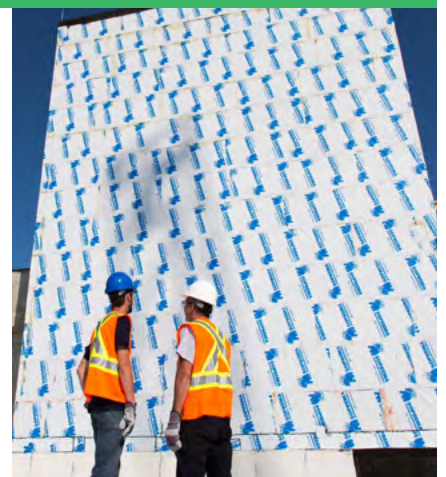
### PERMEABLE

- Offers good protection against air leaks and water infiltration
- Allows the diffusion of water vapour
- Is not considered a vapour barrier

### NON-PERMEABLE

- Resists air leaks, water infiltration and the diffusion of water vapour
- Must always be set on the warm side of the insulation
- Is considered a vapour barrier

Both permeable and non-permeable air barriers control the movement of water vapour into the building enclosure and reduce the effects of condensation.



## SOPRASEAL STICK VP IS PERMEABLE

SOPRASEAL STICK VP air barrier membranes are designed for self-adhesion and provide an easy, fast and economical installation method. A vapour permeable, self-adhered membrane composed of a trilaminate polypropylene composite facer coated with a high tack self-adhesive backing protected by a release film.

Used in wall construction, it stands out due to its unmatched adhesive properties. Its width and self-adhesive underface, which is protected by a silicone release film, make it very easy to install. It can be used on most building surfaces such as masonry, concrete, wood, and gypsum.

For a fully insulated exterior wall assembly, EQUUS SOPREMA PIR or SOPRAROCK Mineral Wool insulation can be combined with this system. Providing a continuous air and thermal barrier, and significantly improving the thermal performance of the building assisting with H1 Energy Efficiency compliance. Heat transfer is reduced, energy efficiency is improved, and indoor temperatures are stabilised.

### KEY BENEFITS:

- No primer required
- UV exposure up to 180 days
- Better adhesive properties than competitive products
- Self-sealing membrane ensuring continuous waterproofing
- Service temperature -40 ° to 85 °C



# WHO ARE WE?

Equus Industries provides technical waterproofing solutions for Architects, Engineers, Property Managers, and Contractors in the building industry. One system does not fit all.

Equus can provide complete solutions, systems, specifications, technical support and warranties.

Equus is the Authorised Distributor for SOPREMA in New Zealand. SOPREMA was founded in 1908 in France and has over 100 factories worldwide producing waterproofing materials and thermal insulation.



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