

Partel 

VARA™

FLUID

**SUPERIOR AIRTIGHTNESS
FOR ENERGY-EFFICIENT
BUILDINGS**



DESIGNED TO MEET NEW ENERGY CODES FOR GREEN BUILDING

THE CORNERSTONE OF ANY LOW-ENERGY BUILD IS MAKING SURE YOU GET THE AIRTIGHTNESS RIGHT.

Choosing the right air and vapor control layer (AVCL) suitable for the internal and external side of the building structure will help control vapor movement, allowing potentially unwanted moisture trapped in the structure to escape.

When layers are installed uniformly/ correctly, the exterior wall and roof can dry allowing construction moisture to reduce and ultimately increasing the safety of the structure.

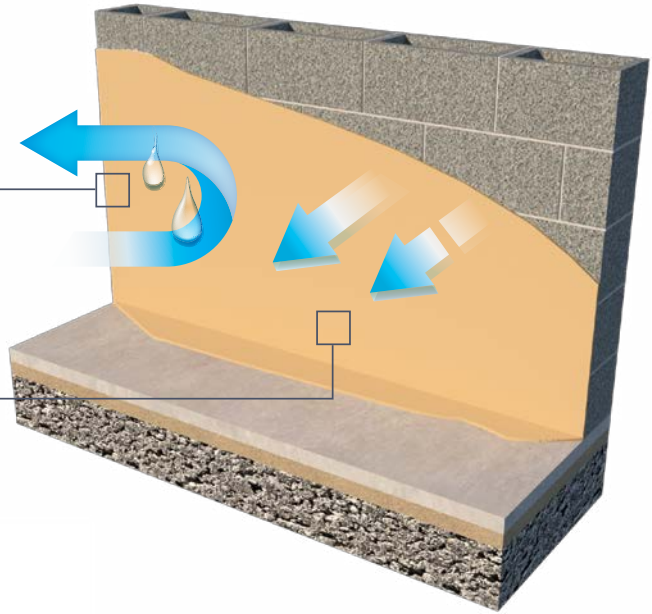
VARA FLUID was developed to offer an advanced, solid air and water barrier against the negative effects of condensation within the interior wall cavities and to reduce air infiltration through the exterior walls.

VARA FLUID improves the energy efficiency of the building fabric, minimises the risk of damp and mould, and increases occupant comfort by providing healthier indoor air.



**EXCELLENT
WATER
RESISTANCE**

**VAPOR
PERMEABLE
MEMBRANE**



INSPIRED BY CONSTRUCTION CHALLENGES, DEVELOPED TO PROVIDE SUPERIOR AIRTIGHTNESS

VARA FLUID brings all of Partel's expertise together to create the most effective air barrier system to solve your specific construction needs.

VARA FLUID is a breathable **liquid membrane** engineered to provide **superior airtightness** for long-term **performance** of the building envelope. It is a water-based vapor control layer that can be sprayed, pressure rolled or brushed, ensuring protection and continuous airtightness in both new build and retrofit projects.



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WHAT MAKES PARTEL VARA FLUID A MORE EFFECTIVE SOLUTION FOR YOUR PROJECT?

VARA FLUID system has been developed to enhance the energy performance of buildings, ensuring superior protection in any climate.



SINGLE COMPONENT

Ready-to-use product shortens application time, especially in commercial projects.



FAST AND EASY APPLICATION

Can be sprayed, pressure rolled or painted.



CONTINUOUS, FLEXIBLE AIRTIGHTNESS

100% coverage, ensures permanent elasticity and covers up irregularly shaped connections (cracks and joints up to 2 mm) due to fluid-applied installation.



DURABLE AIRTIGHT CONNECTIONS

Once the layer is dry, it results in a durable, elastic membrane that maintains the integrity of connections over the long-term, in any type of building.



LOW VOC POLYMER BASED-LIQUID

Guaranteed to meet precise environmental standards (EC1 Plus according to GEV Emissioncode).



PERMEABLE MEMBRANE

Provides superior protection, allowing vapor to escape and dry the structure.



EXCELLENT WATER RESISTANCE



COMPLETELY MULTI-FUNCTIONAL

Ideal solution for complex details such as doors, windows, corners, penetrations etc.



EXCELLENT ADHESION ON VARIOUS SURFACES

Masonry, concrete, cellular concrete, cellular glass, stiff brick, silicate stone, OSB, plywood etc.



NO NEED FOR PRIMER

The liquid membrane can be applied directly to the substrate after the building surface has been properly prepared.

SINGLE COMPONENT. FAST & EASY APPLICATION.

VARA FLUID liquid-applied was specially designed to ensure a **seamless airtightness** for new and retrofit commercial and residential applications.

Extremely versatile, **VARA FLUID** can be sprayed, pressure rolled or brushed, on a wide range of substrates.

Applied in two layers, both vertically and horizontally, Partel vapor control membrane achieves the best coverage.



| APPLICATIONS | VARA FLUID | VARA FLUID BRUSH |
|----------------------------|------------|------------------|
| PROJECTS | | |
| COMMERCIAL | ✓ | ✓ |
| RESIDENTIAL | ✓ | ✓ |
| USAGE | | |
| EXTERNAL STRUCTURES | ✓ | ✓ |
| INTERNAL STRUCTURES | ✓ | ✓ |
| APPLIED WITH | | |
| AIRLESS PAINT SPRAY DEVICE | ✓ | |
| PAINT ROLLER | ✓ | |
| PAINT BRUSH | | ✓ |

COVERS EACH ELEMENT OF THE BUILDING FABRIC

| MATERIAL / DETAILS | VARA FLUID | VARA FLUID BRUSH |
|------------------------------|------------|------------------|
| FLOOR/WALL | ✓ | ✓ |
| WALL/CEILING | ✓ | ✓ |
| WALLS CONNECTIONS | ✓ | |
| WALL/FLOOR | | ✓ |
| WINDOW CONNECTIONS | ✓ | ✓ |
| DOOR & CORNER | | ✓ |
| PIPE PENETRATIONS | ✓ | ✓ |
| GENERAL CONSTRUCTION JOINTS | ✓ | ✓ |
| RIGID INSULATION | ✓ | ✓ |
| TIMBER | ✓ | ✓ |
| MASONRY | ✓ | ✓ |
| CONCRETE / CELLULAR CONCRETE | | ✓ |
| OSB | ✓ | ✓ |
| PLYWOOD | ✓ | ✓ |
| BRICK | ✓ | ✓ |
| STONE | ✓ | ✓ |

TECHNICAL CHARACTERISTICS & PERFORMANCE

| | VARA FLUID | | VARA FLUID BRUSH | |
|------------------------------|-------------------------------|----------|----------------------|----------|
| COLOR | BEIGE – DARK BEIGE WHEN DRIED | | | |
| VOC | LOW | | | |
| | VALUE | STANDARD | VALUE | STANDARD |
| VAPOR PERMEANCE | 0.21 @ 12 MILS | ASTM E96 | 0.21 @ 12 MILS | ASTM E96 |
| WATER RESISTANCE | W1 | EN-1928 | W1 | EN-1928 |
| UV RESISTANCE | 3 MONTHS | | 3 MONTHS | |
| APPLICATION TEMPERATURE | +41°F | | +41°F | |
| USAGE DEPENDS ON THE SURFACE | MIN 500G/M ² | | ± 1KG/M ² | |

For your next project, specify **VARA FLUID** products or contact your **Partel Technical Development Manager** to discuss and determine the most effective solution for your project needs.

RELATED PRODUCT SYSTEMS



SMART VAPOR CONTROL MEMBRANE



AIR & WINDTIGHT SEALING TAPE





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