

# Durex® Flex-Seal VP

## Self-Adhesive Membrane and Vapour Permeable Air Barrier

<b>Description</b>	Durex® Flex-Seal VP is a self-adhesive membrane composed of tri-layer laminated polypropylene facer. The self adhesive under face is covered with a silicone release film.
<b>Uses</b>	Durex® Flex-Seal VP is a vapour permeable air barrier, used in wall construction. It can also be used as a through wall flashing and as a transition membrane. Durex® Flex-Seal VP can be used on most substrates, such as masonry, wood, concrete and gypsum.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Better adhesive properties than competitive products</li> <li>• UV exposure up to 180 days</li> <li>• Self-sealing membrane ensuring continuous waterproofing</li> </ul>

### TECHNICAL DATA

PHYSICAL PROPERTIES	
<b>Thickness</b>	0.6mm (24mil)
<b>Dimension</b>	0.15m m 30m x (6in x 98ft) 0.23m m 30m x (9in x 98ft) 0.30m m 30m x (12in x 98ft) 0.95m m 30m x (37in x 98ft)
<b>Weight</b>	0.285 kg/m <sup>2</sup> (0.058 lb/ft <sup>2</sup> )
<b>Selvedge Width</b>	50 mm (2 in)
<b>Surface</b>	Tri-Layer Laminated Polypropylene
<b>Underface</b>	Self-Adhesive, covered with a silicone release film

PERFORMANCE PROPERTIES	METHOD	RESULT
<b>Tensile Strength, MD/XD</b>	ASTM D882	5.95 / 3.65 kN/m
<b>Breaking Strength, MD/XD</b>	ASTM D5034	400 N / 310 N
<b>Tear Resistance, MD/XD</b>	CAN/CGSB 51.32-M89	No Cracking
<b>Dimensional Stability at 85 °C (185 °F), MD/XD</b>	ASTM D1204	-0.45 / 0.11%
<b>Plywood Adhesion</b>	ASTM D3330	350 N/m
<b>Lap Joint Strength</b>	ASTM D1876	300 N/m
<b>Adhesion after elevation temperature exposure AAMA 711-05. Level 3, 7 days @ 80 °C (176 °F)</b>	ASTM D3330	1200 N/m
<b>Air Permeability @ 75 Pa</b>	ASTM E2178	0.0025 L/s.m <sup>2</sup>
<b>Air Leakage Resistance @ 75 Pa</b>	ASTM E2357	< 0.005 L/s.m <sup>2</sup>
<b>Air permeance of membrane</b>	CAN/ULC S741	< 0.001 L/s.m <sup>2</sup>
<b>Air Leakage rate classification</b>	CAN/ULC S742	A1
<b>Maximum Permeance to Water Vapour Transmission (Membrane)</b>	ASTM E96-B	972 ng/Pa.s.m <sup>2</sup> (17 perms)
<b>Nail Sealability</b>	ASTM D1970 (Modified)	Pass
<b>Hydrostatic Pressure for 5 hours</b>	AATCC 127-08	Pass
<b>Flame Spread</b>	ASTM E84	Class A
<b>Smoke Developed</b>	ASTM E84	Class A
<b>Fire Resistance</b>	Component of an assembly tested in conformity with NFPA 285	Pass

**Packaging** Durex® Flex-Seal VP Air/Vapour Barrier is available in 30 m (98 ft) rolls in widths of 150 mm (6 in), 230 mm (9 in), 300 mm (12 in) and 950mm (37 in).

**Storage** Durex® Flex-Seal VP rolls must be stored indoor, in their original packaging. On job site, cover them with an opaque protective cover after the removal of the delivery packaging.

**Surface Preparation** The substrate should be clean, sound, dry and free of loose materials, grease and any contaminants which may compromise the performance of the product. Durex® Flex-Seal VP is installed on most substrates without primer. However, in a case where specific jobsite conditions may otherwise require surface preparation, Durex® Flex-Seal Primers shall be incorporated.

**Application** SELF ADHESIVE:  
Durex® Flex-Seal VP can be adhered to the substrate by peeling off the silicone release film. Side lap joints must be a minimum of 50mm (2 in) and end lap joints must be a minimum of 75 mm (3 in). Apply even pressure using a membrane roller over the entire surface of the membrane to ensure good adhesion.  
Use Durex® Flex-Seal Mastic with Durex® Flex-Seal VP or Durex® Flex-Seal Membrane to seal around details, reverse laps and critical areas.

- Application Temperatures: -7°C to 40°C (19°F to 104°F)
- Service Temperatures: -40°C to 85°C (-40°F to 185°F)
- UV Exposure: up to 180 days

**Health and Safety** For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.

**Warranty** Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

**Technical Services** Technical support is available upon request at [info@durabond.com](mailto:info@durabond.com). For the latest version of this data sheet, please visit our website at [www.durabond.com](http://www.durabond.com), call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

