

# DOWSIL™ Membrane Façade System

## DOWSIL™ Membrane Dual, DOWSIL™ Membrane Outside and DOWSIL™ 300 Adhesive

### DOWSIL™ Membrane Dual / DOWSIL™ Membrane Outside

A choice of two new high performance EPDM membranes from Dow act as a vapor control, according to EN 13984, making them ideal for creating interior or exterior weather and air-tight seals. Bonded and secured using DOWSIL™ 300 Adhesive, DOWSIL™ Membranes are easy to use and provide a safe, compatible and durable system package which complements the DOWSIL™ range of high performance sealants.

#### Main applications – DOWSIL™ Membrane Dual

DOWSIL™ Membrane Dual provides a weather- and air-tight seal in fenestration applications and can also be used to seal across adjacent building elements.

For indoor and outdoor use\*:

- Window installation
- Ventilated facades
- Curtain wall installation

\*If an internal and external membrane is required, both membranes should at least have the same water vapor diffusion equivalent air layer thickness ( $s_d$  value), ideally the outer membrane shall have a lower  $s_d$  value, e.g DOWSIL™ Membrane Outside 0.6, to facilitate drying out of entrapped moisture.

#### Main applications – DOWSIL™ Membrane Outside 0.6

DOWSIL™ Membrane Outside 0.6 provides a weather- and air-tight seal in fenestration applications and can also be used to seal across adjacent building elements. Due to its micro-perforation, the membrane is open to water vapor diffusion, permitting trapped moisture to dry out.

For outdoor use\*:

- Window installation
- Ventilated facades
- Curtain wall installation

\*If an internal and external membrane is required, both membranes should at least have the same water vapor diffusion equivalent air layer thickness ( $s_d$  value), ideally the inner membrane shall have a higher  $s_d$  value, e.g DOWSIL™ Membrane Dual, to facilitate drying out of entrapped moisture.

### Features and benefits

- Very good mechanical properties
- Flexible and tear resistant
- Excellent movement capability, thus able to sustain thermal and structural movements of a building
- Resistant to UV light, temperature extremes, chemical pollutants and moisture
- Available in different widths to enable quick and easy installation
- High quality EPDM raw materials from Dow

### Available dimensions

- DOWSIL™ Membrane Dual is available in log roll lengths of 25 m in a choice of 0.6 mm, 1 mm, 1.2 mm thickness in widths of 100 mm, 150 mm, 200 mm, 250 mm, 300 mm, 350 mm and 1.4 m.
- DOWSIL™ Membrane Outside 0.6 is available in log rolls of 25 m in 0.6 mm thickness in widths of 100 mm, 150 mm, 200 mm, 250 mm, 300 mm, 350 mm and 1.4 m.
- DOWSIL™ 300 Adhesive is supplied in 600 ml foil packs.

For further information, please refer to the DOWSIL™ Membrane Dual technical datasheet and the DOWSIL™ Membrane Outside 0.6 technical datasheet.



## Contact us

Dow is collaborating with industry professionals around the world to develop solutions to improve the energy efficiency of buildings for a more comfortable environment. Learn more about Dow's full range of High Performance Building solutions by visiting us online at [consumer.dow.com/construction](https://consumer.dow.com/construction).

Dow has sales offices, manufacturing sites and science and technology laboratories around the globe. Find local contact information at [consumer.dow.com/ContactUs](https://consumer.dow.com/ContactUs).

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