VAPROSHIELD®
Breathable Membrane Systems for Roofs & Walls

3D WINDOW FLASHING ELEMENTS

THE VAPROSHIELD SYSTEMS APPROACH

VaproShield promotes a systems approach to building envelope design, incorporating Breathable Membranes, Rain Screen Design Components and 3D Window and Flashing Elements, resulting in High Performance Building Envelope Solutions.

Complete System of Breathable Membranes	+	Rain Screen Design Components	+	3D Window Flashing Elements	=	High Performance Building Envelope Solutions

VaproShield 3D Window Flashing Elements include: VaproFlashing, Factory Formed Corners and VaproSillSaver.

These elements were engineered specifically to prevent moisture intrusion around windows and doors and to reduce installation costs at least 50 percent.

VaproFlashing and Factory Formed Corners

VaproFlashing is pre-cut in three sizes 11 ¾", 15" and 19 ⅔" for easy installation, reducing labor costs and reducing cut and measure mistakes.

3D Factory Formed Corners are manufactured using our patented breathable membrane fabric. Each corner is formed using an ultra sonic welding process, eliminating weak joints compared to traditional heat welding which can cause problematic leaking.

BENEFITS

Drying Capacity

- 3D Window Flashing Elements are constructed from our breathable membrane fabric offering protection against moisture intrusion and entrapment; before, during and after construction.
- Regardless of wet weather conditions, 3D Window Flashing Elements can still be applied.

Durability and Cost Effectiveness

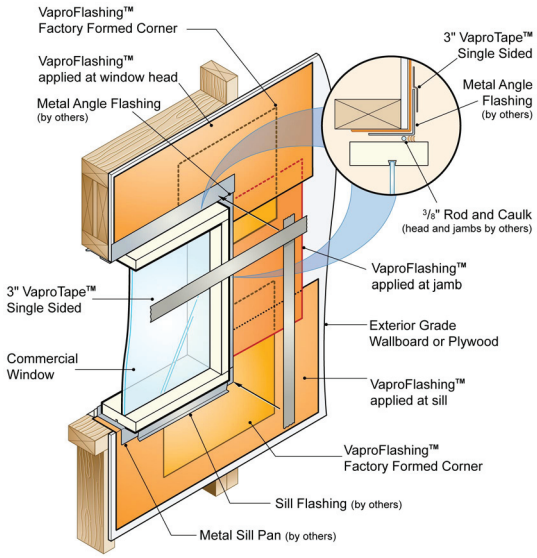
- Reduces installation labor costs at least 50% by eliminating cut and measure mistakes.
- Pre-cut, flashing rolls cover membrane laps saving labor and reducing waste.
- Effective protection for skylights in addition to standard commercial and nail-flange windows or doors.
- Multiple layers in shingle fashion application ensure protection and breathability.

Compatibility

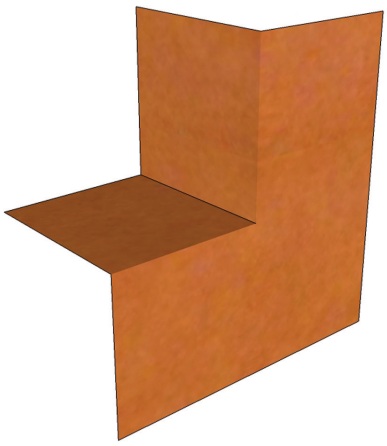
- Compatible with most flashings, vinyl, wood and aluminum windows and doors.

Environmental Sustainability

- Supports green building designs, all elements are 100% recyclable.



Applying 3D Window Flashing elements reduce labor costs and cut and measure mistakes.



VaproFlashing Factory Formed Corners are 3 Dimensional and measure 18" x 18" (457mm x 457mm).

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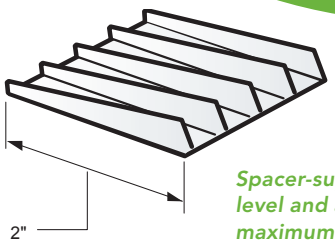
VaproSillSaver
The Patented Sloping Window Sill Pan

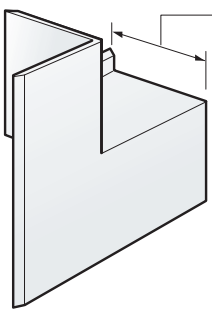
PROTECT WINDOW SILLS AGAINST WATER DAMAGE

VaproSillSaver is a patented sloping window sill for commercial and nail flange windows. It protects window sills against water damage and reduces installation time over 50 percent. VaproSillSaver is an integral part of the VaproShield systems approach to building envelope design.

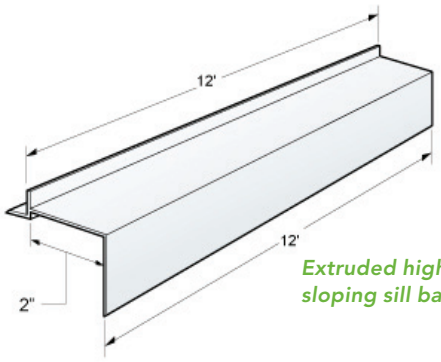
Test results yielded no water leakage up to 8.25 PSF of windblown rain. Tests performed in accordance witn ASTM E547 and AAMA 502-90.



Spacer-support holds window up, level and away from the base for maximum drainage.



One piece molded corners for strong, durable protection.



Extruded high-impact, sloping sill base.

BENEFITS

Durability and Cost Effectiveness

- Half the cost of welded metal and stainless steel pans, reducing project materials costs.
- The sill base is an extremely durable, extruded, high-impact plastic.
- The sill slopes 1/8" from back to front, allowing water to run off, reducing drying times.
- Molded structure provides sturdy and level support for windows.
- Molded corners provide strong, durable protection and ensure tight fit and finish.
- Durable PVC single piece sill, ensures proper fit and finish and no leaks.

Drying Capacity

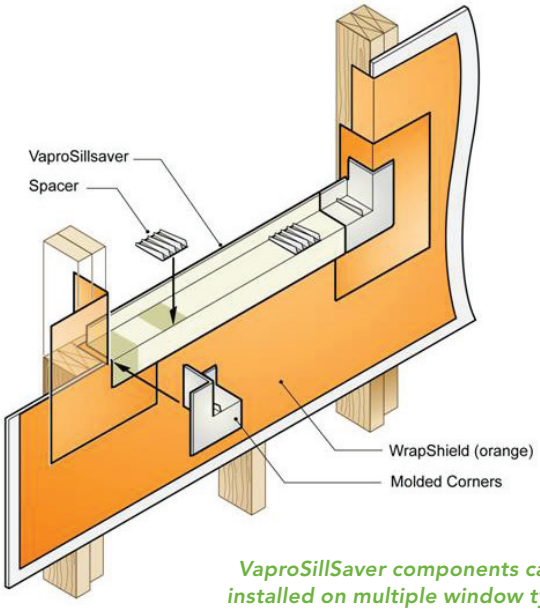
- Spacers hold window level and away from the base for maximum drainage.

Compatibility

- Compatible with most flashings, vinyl, wood and aluminum windows.
- Eliminates field verification and sorting, allowing for quick and accurate installation.

Environmental Sustainability

- Supports green building designs, all elements are 100% recyclable.



VaproSillSaver components can be installed on multiple window types.

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