

SYSTEMS APPROACH

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



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

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

3D Factory Formed Corners, Retrofit Formed Corners and VaproFlashing

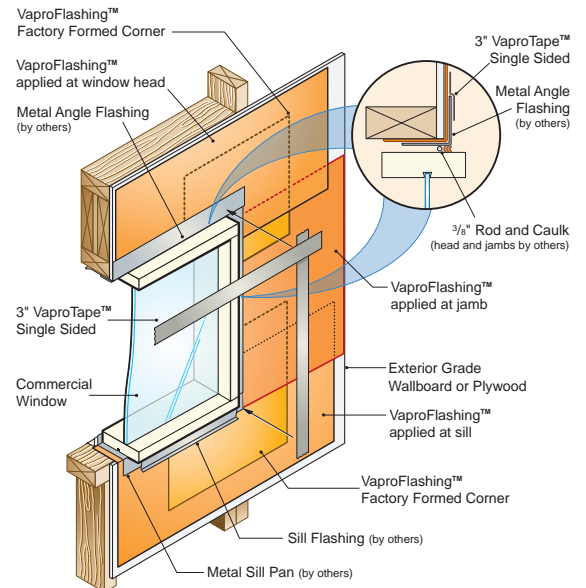
3D Factory Formed Corners are manufactured using our patented breathable membrane fabric. Each corner is formed using an ultra sonic welding process, eliminating weak joints compared to traditional heat welding which can cause problematic leaking.

Retrofit Formed Corners are also designed with our breathable membrane fabric. These corners are flat for use with pre-existing windows in retrofit projects.

VaproFlashing is pre-cut in two sizes 11 3/4" and 14 3/4" for easy installation, reducing labor costs and reducing cut and measure mistakes.



Nail Flange window with VaproFlashing and unique 3D Factory Formed Corners



VaproFlashing and 3D Window Flashing Elements installation diagram

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, unlike peel and stick products or materials which can trap moisture and liquid water in inclement weather.

Durability & 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 flashing 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.

VaproSillSaver™

VaproSillSaver is a patented sloping window sill for commercial and nail flange windows. It protects window sills against water damage and reduces installation time by over 50%. 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 with ASTM ES 47 and AAMA 502-90.

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

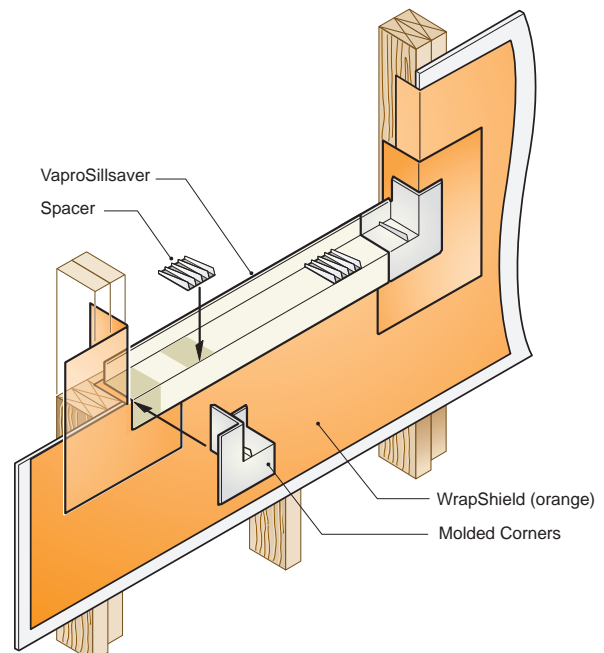
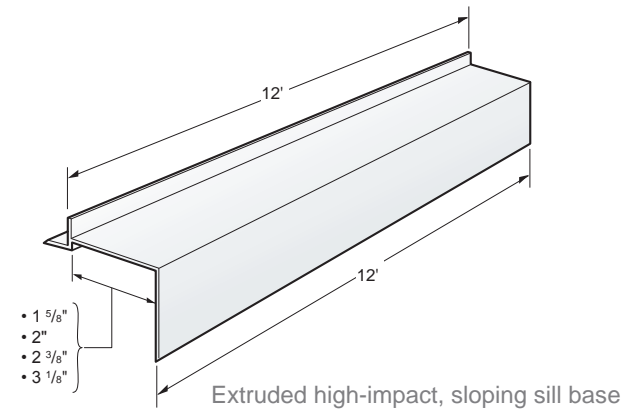
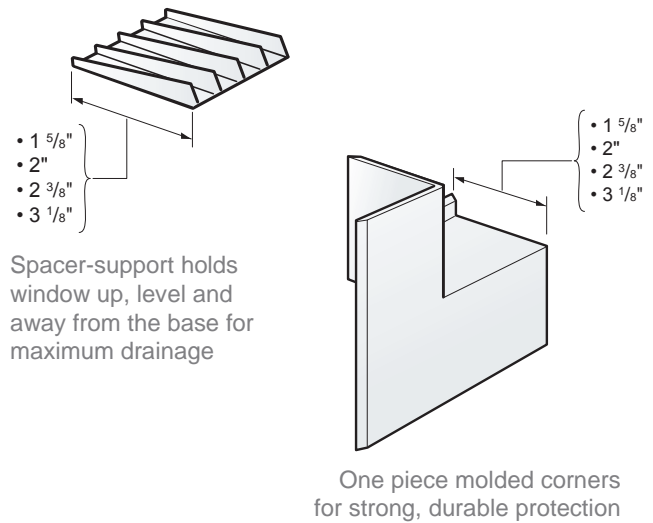
- Spacers hold window level and away from the base for maximum drainage.

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.