



StoGuard®

Fluid-applied air and moisture barrier system

As building codes continue to become more complex in their requirements for protection against moisture damage and unwanted air movement, applicators need systems that are quick and easy to install while still providing excellent performance over the lifetime of the building.

StoGuard is a water-based air and moisture barrier system ideal for all types of construction. A fluid-applied system, StoGuard forms a fully-adhered seamless monolithic air and moisture barrier on the exterior wall, protecting against moisture intrusion and unwanted air movement.

StoGuard liquid membranes can be applied either by roller or airless spray increasing the speed of application on the wall while simplifying integration with other wall assembly components. StoGuard systems include a variety of interchangeable components that allow for continued production on the wall regardless of complex design features or site conditions.

StoGuard®

StoGuard offers a simpler way to meet today's demands.

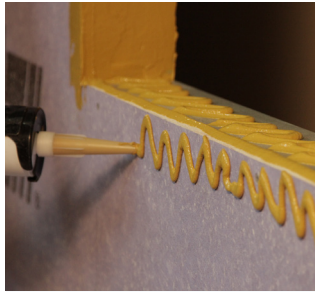
Simplified installation provides superior protection against moisture intrusion and air leakage.

Common building wrap systems rely on lapping, taping, and cutting of materials to create a moisture barrier. Even when properly applied, these systems are prone to tearing and loss of adhesion which can lead to costly callbacks or even long term system failure. StoGuard systems are fully adhered to the substrate, creating a seamless, monolithic barrier that can be installed in a fraction of the time necessary to properly install a building wrap.

StoGuard systems include a variety of interchangeable components that allow for the perfect combination of speed and ease of installation along with long term performance. StoGuard components are designed to increase productivity on the wall without costly slow downs or delays, even in cold and wet weather conditions.



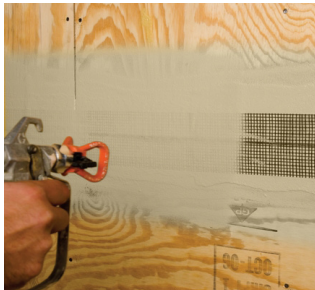
StoGuard RapidFill



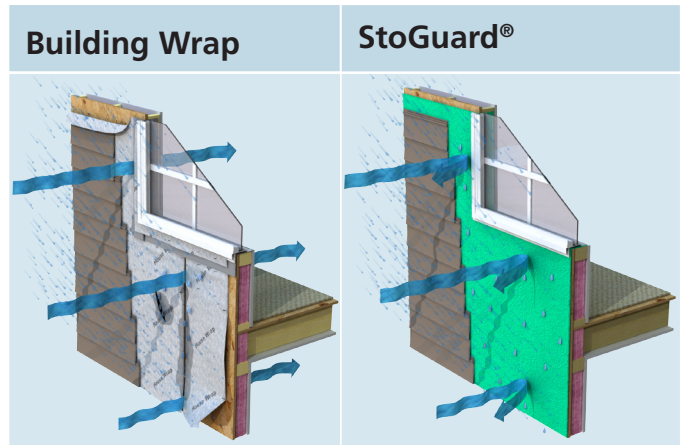
StoGuard RapidSeal



StoGuard RediCorner



StoGuard Fabric



Why StoGuard® is better

Installation	Roller or spray applied for ease and speed	
Long-term protection	Fully-adhered seamless, monolithic barrier	
	Does not tear	
Interchangeable components	The perfect combination of efficient, cost effective installation without costly delays	
Design Flexibility	Can be used on virtually any substrate and under most types of claddings	
Performance	Sto EmeraldCoat can be left exposed to weather for up to 6 months.	
	ABAA evaluated materials and assemblies	
	Test Method	Test Results
Air Leakage of Air Barrier Assembly	ASTM E-2357	0.0008 L/s-m ² (0.0002 cfm/ft ²)
Water Penetration Resistance	AC 212, Section 4.8 AATCC 127	No water penetration after UV exposure and heat aging
Transverse Load/Racking/Restrained Environmental Cycling/Water Penetration	ASTM E-1233 ASTM E-72 AC 212 ASTM E-331	No cracking and no water penetration after loading
Surface Burning	ASTM E-84	ICC & NFPA Class A Building Material
Fire Testing *Refer to ICC-ESR 1233	NFPA 285	Pass*
Resistance to Mold Growth	ASTM D-3273	Pass

Contact your Sto Sales Representative for more information. Please visit us at www.stocorp.com or call us toll-free at **800-221-2397**.

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