



StoGuard® VaporSeal™

The durable, seamless spray-on air and vapor barrier

Condensation issues related to water vapor diffusion and air leakage can occur in any building environment. Air barriers control air leakage through the structure and significantly reduce energy costs, up to 40%.*

StoGuard VaporSeal is an airtight waterproof vapor barrier that helps to control moisture in structures. It is a ready-mixed flexible coating that can be applied with a sprayer to vertical above-grade walls. StoGuard VaporSeal can be used on a variety of substrates, including gypsum, cement and wood-based products.

StoGuard® VaporSeal™

Easy to apply and energy efficient

StoGuard VaporSeal is applied quickly and easily with an airless sprayer — no need for specialized equipment. It goes on a substantial 30 wet mils and dries to a continuous 20 mils. StoGuard VaporSeal does not contain harmful solvents; it is water-based with low VOCs. It is safe to apply and environmentally friendly.

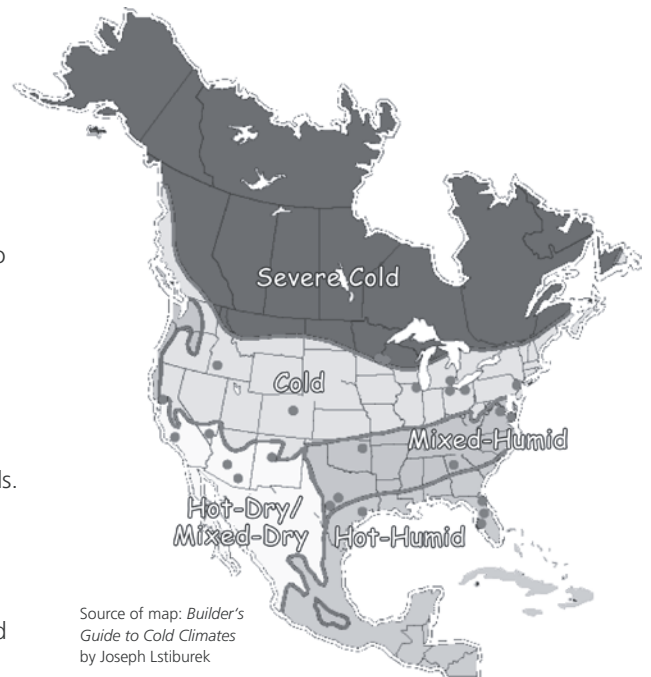


Energy Efficiency & Moisture Control

- For cold climate zones, StoGuard VaporSeal can conserve energy by stopping leakage of conditioned air to the exterior.
- For hot, humid climate zones, StoGuard VaporSeal stops infiltration of hot humid air to the interior.
- When properly located in the wall assembly, StoGuard VaporSeal can also prevent condensation due to air leakage or water vapor diffusion.
- For mixed climate zones, StoGuard vapor permeable products should be considered.

StoGuard meets the stringent performance requirements as an air and moisture barrier, as prescribed by ASTM and other industry testing standards. StoGuard provides the same level of protection as the often more costly thick-film systems. Cost effective protection is what you need.

For further assurance, StoGuard VaporSeal is backed with a five-year limited moisture protection warranty.



Source of map: *Builder's Guide to Cold Climates* by Joseph Lstiburek

StoGuard VaporSeal is versatile, and can be used:

Over most substrates including...	Under virtually any cladding...
Gypsum Sheathing	StoTherm® NEXt or any EIFS
Dens-Glass® Gold	StoPowerwall™ or any stucco over metal lath with building felt or paper water-resistive barriers
Plywood Sheathing	StoQuik® Silver NEXt or other Cement Board Sidings
OSB Sheathing	Vinyl, Brick, Stone
CMU	

When you want a durable, continuous waterproof air and vapor barrier, specify StoGuard VaporSeal.

For more information about StoGuard VaporSeal, contact your local Sto distributor or sales representative, or visit our web site, www.stocorp.com.

Note: Always involve a qualified design professional to ensure the proper location of the air and vapor barrier component in the wall assembly and its integration with other components of construction.

*NIST Report – NISTIR 7238, 48 June 2005

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