

Walls That Work



No Matter What

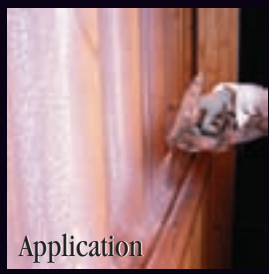
Hot climate, cold climate, wet or dry,
windy or calm, heating or air-conditioning,
CORBOND® isolates indoors from outdoors.

*No air, no place for moisture, no trouble...
No matter what.*

CORBOND®
Performance Insulation

the
Climate
Isolation
System®

the
**Climate
Isolation
System®**



Application



Full Wall

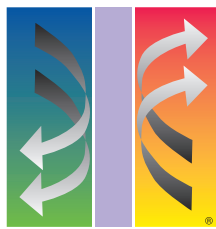


Cathedral Ceiling



Concrete

No air.
No place for moisture.
No trouble.
...no matter what.



Imagine buildings where the walls work – *no matter what*. Stud frame buildings with cavities of CORBOND Isolation do work – *no matter what*. Hot climate, cold climate, wet or dry, windy or calm, heating or air conditioning – *no matter what*.

Builders and building scientists know that the greatest enemy of building *efficiency* is air infiltration and movement of air into insulation. The enemy of building *longevity* is hidden moisture condensation causing mildew and decay, not to mention the threat to health and comfort caused by these agents. Picture CORBOND Climate Isolation System – the solution to these concerns of insulation contractors, builders, designers and building owners.

While conventional fiber insulation in the right conditions may achieve thermal insulation with some success, it by its nature of using the air to insulate cannot isolate the air of the two climates. Air is mixed into the fiber with each change in outdoor temperature or wind condition – compromising thermal quality. Air contains moisture which when cooled, seeks to drop out on a surface as condensation. This occurs at building sheathing in the heating season and at the back of sheetrock in the air-conditioning season. Efforts to solve these problems have included caulking, house wraps and sealing tape, vapor retarders, venting, and foam sheathing, together endeavoring to achieve what we really need – isolation.

CORBOND successfully achieves thermal isolation, air isolation and moisture isolation. Both the indoor and outdoor climate are effectively displaced out of the cavity permanently as the CORBOND is installed in its seamless fully adhered form.

It is the complete isolation of the interior climate from the exterior climate that describes how the CORBOND system successfully deals with the complexities of building insulation operating in all climates. Climate isolation is the full separation of the climates. CORBOND works by not allowing the interior climate (heating or cooling) to mix with the exterior climate (whether hot or cold). As seasons change and heating turns to air-conditioning, CORBOND is unaffected by the reversal of moisture drives. It works both ways!

“CORBOND® works by not allowing the interior climate to mix with the exterior climate.”

Go ahead – Picture this tough, high R-value, solid cellular plastic material spray installed between studs – a pleasant *lavender colored* CORBOND tenaciously adhered to all it touches, being what insulation was meant to be – Isolation.

CORBOND®
Performance Insulation

the
**Climate
Isolation
System®**

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