4 ways R-Guard makes a better building envelope

**Energy-efficient**
Our R-Guard air barrier systems stop air leakage through wall structures, rough openings, sheathing seams, and material transitions. This is crucial for an airtight and waterproof building envelope.

**Faster to install**
Rough Openings are 34% faster to install with R-Guard than with traditional peel-and-stick products.

**High-performing**
Applying a peel-and-stick air barrier on a rough opening involves 72 interfaces (ASTM E2112). That equals 72 opportunities for air and water leakage around a structure’s windows and doors. With the all fluid-applied R-Guard system, you get one seamless, leak-free membrane without any overlaps of paper. Which do you prefer?

**Proven durability**
In 2015, R-Guard FastFlash was independently verified to perform as intended in a 10-year study, the longest proven performance of any fluid-applied flashing material on the market.
BUILDING ENVELOPE
Airtight is the magic word when it comes to energy-efficient construction. That’s why we’ve created a diverse line of air and water barriers to make building envelopes airtight yet breathable. Our R-Guard products control the leakage of air and water through the wall assembly, and enable walls to dry out when they inevitably get wet. Our products have also been performance-tested and field-proven time and time again. With our STP products, the ability to apply them on damp substrates saves you valuable labor and time.

Rough openings
Getting the right R-value in a wall is all about airtightness. And no place offers a greater opportunity for air leakage than the rough opening. Our R-Guard air barrier systems stop air leakage through rough openings while still allowing them to dry out should they become wet. This is crucial for an airtight and waterproof building envelope.

Transitions
Details become complicated in the transitions. They’re one of the easiest places for air to leak through. With R-Guard, you get a one-size-fits-all solution. Our fluid-applied water-resistive air barriers cover your deflection joints, expansion joints and everything in between. The most complicated detail you’ve ever seen is a cinch to make air- and waterproof with R-Guard.

Primary barriers
When it comes to protecting a structure’s building envelope with a primary air barrier, the method and the material matter. A lot. If you pick peel-and-stick, you’re looking at a big increase in labor over fluid-applied products and a paper-thin product that just doesn’t hold up. The R-Guard suite of products delivers a seamless, leak-free membrane without any overlaps of paper while also saving labor costs. Which do you prefer?