

# Finish your project **faster, safer, smarter.**

Helps accelerate the water-resistive and air barrier installation of exterior walls using the **DensElement® Barrier System.**

## FASTER

Save installation time compared to traditional fluid-applied WRB-AB methods.

## SAFER

Reduce safety risks with less time spent on the job and in elevated positions.

## SMARTER

Removes an entire installation step and requires less components to complete the system.



Save time, materials, labor and, ultimately, your bottom-line costs. The DensElement® Barrier System with AquaKor™ Technology features a proprietary technology that integrates the gypsum core and the fiberglass mat to form a hydrophobic, monolithic surface that blocks bulk water but allows vapor to pass through, the DensElement® Barrier System eliminates the need for an additional external WRB-AB to be installed.

## A WALL OF PROVEN SAVINGS

Home Innovation Research Labs, a third-party, large-scale product testing laboratory, conducted a time-motion study comparing the DensElement® Barrier System against typical WRB-AB systems. The study evaluated installation time and materials used for a mocked up 3-story commercial building totaling 2,464 sq.ft. The results speak for themselves.

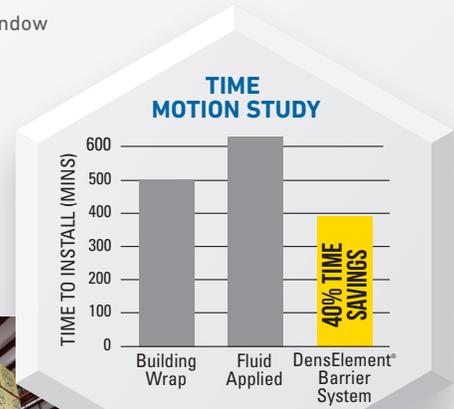
The DensElement® Barrier System (with fluid-applied flashing on seams, fasteners, and door/window openings) was completed in 6 hours and 26 minutes, making it:

**25% FASTER** than the typical building wrap in the study

WRB-AB system DensGlass® Sheathing with building wrap and tape flashing took 8 hours and 31 minutes to install.

**40% FASTER** than the typical fluid-applied WRB-AB system in the study

DensGlass® Sheathing with full fluid-applied water-resistive and air barrier took 10 hours and 41 minutes to install.



Trial 1: Building Wrap WRB-AB System



Trial 2: Fluid-Applied Membrane WRB-AB System



Trial 3: DensElement® Barrier System

The results presented reflect the findings on specific construction assemblies under test conditions. Actual results may vary depending on the system, the building, the installation methods, and other factors.

\*Study completed in 2015 using PROSOCO R-Guard® FastFlash® liquid flashing.



## WORK SMARTER, FINISH FASTER, AND SAVE

Just like the DensElement® Barrier System was installed faster in a controlled laboratory setting, you could obtain substantial installation savings on your project too. Scaling these study results to a building project with 20,000 sq.ft. of gross wall area may significantly reduce construction time.



### SAVE TIME

Removing an installation step could save a significant amount of installation time, allowing you to dry-in projects faster.



### SAVE MONEY

Eliminating the step of applying a full fluid-applied barrier reduces installation time, saving labor and materials.



### MINIMIZE RISKS

Reduce safety concerns by spending less time on scaffolds and lifts and ultimately less time on the jobsite.



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**WARRANTY:** For current limited warranty for this product, visit [denselement.com/resources](https://denselement.com/resources)

To view the study methodology and results, visit [denselement.com/resources](https://denselement.com/resources)

DensElement® Barrier System and DensDefy® Accessories are backed with a limited warranty. Visit [denselement.com](https://denselement.com) for more details.

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