

# Securock® ExoAir® 430 Peel and Stick Time Trial

## Why Wouldn't You Want a 50% Faster Installation?



Test Structure Before Securock ExoAir 430 Detailing and ExoAir 110 Application



Securock ExoAir 430 Detailing



ExoAir 110 Membrane Air Barrier Application



Completed Test Structure

### How Does This Stack Up on a 20,000 Square Foot Job?

Time savings and other factors from the study as applied to a 20,000 square foot job model:



**50%** reduction in labor-intensive installation time with fewer trades to sequence and schedule.\*



Reduces lengthy weather delays due to rain or cold. Temperature restrictions tighten the application window as peel and stick membranes become rigid in cold temperatures.



One hundred 36" rolls and twenty 5-gallon buckets of primer eliminated from the jobsite means less storage issues, fewer safety concerns and no waste, such as rollers and rags.



Priming is not needed and performance concerns, such as inconsistent application or inadequate drying time prior to sheet application, are alleviated.



Variability or membrane failure eliminated. Sheet applications typically create wrinkles, fish mouths and incomplete seals which allow for air and moisture penetration.



Paint rollers, seam rollers, knives, and/or special equipment are not needed.



No field adhesion concerns with a pre-applied membrane.\*\*

## Controlled time trial of Securock ExoAir 430 vs traditional field applied peel and stick air barrier membrane

- **Tested Structure:** Same 3-story model for both sides (inside and outside corners, windows and doors)
- **Square Footage:** 1600 square feet
- **Weather Conditions:** Sunny, no rain or wind. Average temp of 66 °F and 79% humidity.

- **Timing:** 36 hours, 47 minutes to install the peel and stick membrane and 19 hours, 30 minutes to install Securock ExoAir 430. Approximately a 17 hour time savings for the Securock ExoAir 430 install.
- **Installer:** Thorne Associates Chicago, IL [www.thorneassociates.com](http://www.thorneassociates.com)

- **Testing:** Progressive Engineering, Inc. Goshen, IN [pknepp@p-e-i.com](mailto:pknepp@p-e-i.com) / [www.p-e-i.com](http://www.p-e-i.com)
- **Observation & Recording:** Ducker Worldwide Troy, MI [info@ducker.com](mailto:info@ducker.com) / [www.ducker.com](http://www.ducker.com)

\*Installation times may vary based on installer's experience. \*\*Self-adhered membranes require the verification of field adhesion.

BE75/10-18 © 2018 USG Corporation and Tremco Incorporated. Printed in the U.S.A. The trademarks USG, SECUROCK, the USG logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates. The trademarks EXOAIR and TREMCO are trademarks of Tremco Incorporated.

