

Securock® ExoAir 430 Fluid-Applied Time Trial

Why Wouldn't You Want a 70% Faster Installation?



Test Structure Before Panel Installation



Securock ExoAir 430 Detailing



ExoAir 230 Fluid Applied 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:



40% reduction in installation and **70%** faster when including dry time. Less to sequence and schedule.



Reduces lengthy weather delays due to rain or cold.



19 drums/192 pails eliminated from the jobsite means no storage issues, less safety concerns and much easier site cleanup.



200 fewer mil gauge checks due to factory applied membrane.



48 fewer pull tests due to factory applied membrane.



No membrane application variability, no specialized equipment, and no tenting required.

Controlled time trial of Securock ExoAir 430 vs traditional field applied fluid 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 50 °F and 48% humidity.

- **Test Duration:** 29 hours, 44 minutes. Recorded time began at the exact same time for both installation teams (two installers for each side) with no breaks included in the time study.
- **Installer:** Thorne Associates Chicago, IL www.thorneassociates.com

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

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