



TECHNICAL DATA SHEET

Outsulation® MD Securock® ExoAir® 430 System

An Exterior Wall Insulation and Finish System With
Engineered Moisture Drainage That Incorporates
Continuous Insulation and An Air/ Water-Resistive Barrier
DS904

SUMMARY

Dryvit offers a family of performance-based systems that allows architects and owners to meet the specific demands of today's energy codes, including continuous insulation and an air/water-resistive barrier. Dryvit's original Outsulation System has been installed on over 500,000 buildings worldwide, in all climate zones. Due to the increased demands for a wall system to be able to drain away incidental moisture, the Outsulation concept has grown into a family of related systems, each building upon the other to achieve specific performance goals.



MOISTURE DRAINAGE TECHNOLOGY

Outsulation MD offers the most comprehensive, easy-to-install drainage system available for commercial use today. It provides three lines of defense against water intrusion. The first is Dryvit's time-tested combination of reinforced base coat and finish. The second is our specially-designed, grooved EPS with drainage track and vent assembly, providing continuous insulation to meet local Energy Codes. The third is Securock® ExoAir® 430 air/water barrier. Dymonic® 100 fluid applied flashing is also used to protect sills of wall openings (such as windows). A compatible sealant must be utilized at all system terminations.

WHY SECUROCK EXOAIR 430?

The Securock ExoAir 430 System is a high-performance, energy efficient air and water barrier system comprised of the USG's Securock® Brand UltraLight Glass-Mat Sheathing, Tremco's ExoAir 430 membrane, as well as system accessories. Securock ExoAir 430 is a pre-applied fluid-applied synthetic permeable air/water barrier. It is a monolithic, elastomeric membrane that is applied in a factory setting. This can eliminate the inconsistencies and weather impact that can occur when applied in the field. The fluid is applied to the face of USG's Securock Brand Ultralight Glass-Mat Sheathing panels for above-grade wall assemblies to mitigate air infiltration/exfiltration and water penetration while remaining permeable to the passage of water vapor. The system accessories include sealants and transition products that provide a comprehensive air barrier system.

With the Securock ExoAir 430 System, application variability of the air barrier is no longer a concern; the controlled factory environment ensures proper mil thickness and membrane uniformity, which means no more job site rework and less job site waste. In addition, membrane adhesion is assured; it can't wash off from rain or from improper sheathing preparation. This System can reduce man-hours and safety risks, and overall improve the schedule efficiency. The approach maintains the performance qualities of a fluid applied system, while addressing the challenges faced when applying a fluid in the field.

FEATURES AND BENEFITS

FEATURES

- Donec laoreet nonummy augue.
- Moisture Drainage
- High-Performance Exterior Insulation
- Reinforced Base Coat
- Specially-Designed, Grooved EPS Board
- Drainage Track and Vent Assembly
- Securock ExoAir 430
- Dymonic 100 Fluid-Applied Flashing
- Warranty

COMPONENTS - LOOK INSIDE THE OUTSULATION MD SYSTEM

1. Securock ExoAir 430 Air/Water Barrier
2. Dymonic® 100 Fluid Applied Flashing
3. Dryvit Vent Assembly™
4. Dryvit Track and Vent Track™
5. Dryvit AP Adhesive™ to Adhere Dryvit Track and Vent Track
6. Dryvit Adhesive in Vertical Notched Trowel Configuration
7. Insulation Board with Channels, creating a layer of continuous insulation
8. Dryvit Reinforced Base Coat
9. Dryvit Finish

DRYVIT... PROVEN FOR OVER 50 YEARS

Dryvit. is an ISO 9001:2015 and ISO 14001:2015 certified company. ISO standards have been established worldwide as a common denominator for product excellence. Dryvit is the recognized leader in construction technology. With leadership comes an obligation and commitment to research and development. The Outsulation MD System is an example of our determination to continuously evaluate market demands and develop new and exciting products.

WARRANTY

Dryvit. shall provide a written limited materials warranty upon written request. Dryvit shall make no other warranties, expressed or implied. Dryvit does not warrant workmanship. Full details are available from Dryvit.

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Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit products as of the date of publication of this document and is presented in good faith. Dryvit assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit.

For more information on Dryvit or Continuous Insulation, [click here](#).

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dryvit.com | 800.556.7752



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com