

EVO S134

BUILDING ENVELOPE SOLUTIONS

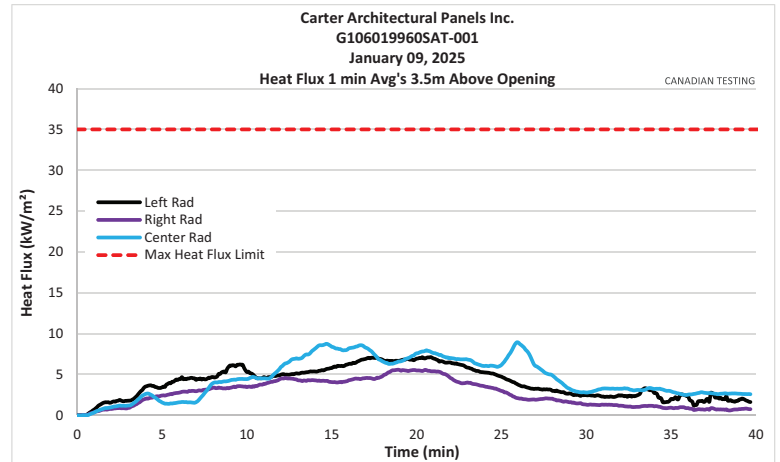
The New Benchmark
in Safety and Efficiency.



CARTER
ARCHITECTURAL PANELS INC

Carter Architectural Panels, Inc. proudly presents the EVO-S134 wall assembly, a game-changing solution that sets a new standard in fire safety and energy efficiency. Designed to exceed the rigorous requirements of CAN/ULC S134, this innovative system is the ideal choice for projects where performance and safety are non-negotiable.

The EVO-S134 features etalbond® 4mm FR core ACM, renowned for its superior fire resistance and durability, and incorporates Johns Manville CladStone™ 45 mineral wool insulation, a trusted material for thermal performance and fire protection. Enhanced with the KOA thermal clip, the assembly achieves ASHRAE 90.1 compliance, ensuring outstanding energy efficiency by minimizing thermal bridging.



Key Benefits

- Unmatched Fire Safety: Exceeds CAN/ULC S134 standards.
- Energy Efficient: Meets ASHRAE 90.1 requirements with advanced thermal design.
- Premium Materials: Built with etalbond® FR core ACM, KOA Thermal Clip and Johns Manville CladStone™ 45 insulation.
- Sustainably Designed: Combines safety and energy performance seamlessly.



With the EVO-S134, Carter Architectural Panels delivers a high-performance solution for architects, developers, and builders looking to achieve the perfect balance of safety, sustainability, and design flexibility.

Koa Clip increases thermal performance by significantly reducing thermal bridging. Koa Clip is intermittently placed on a building's substrate and its thermal spacer pad limits cold transfer from the finished exterior cladding to the building's interior. This greatly improves R-Value and the energy efficiency of the building. Optionally, a second spacer pad may be snapped onto the other side of the Z-standoff component completely isolating the steel, this increases effective performance.



JM CladStone™ 45 Water & Fire Block Insulation WATER REPELLENT AND FLAME RESISTANT INSULATION



JM CladStone™ 45 Insulation is made of inorganic fibers derived from basalt, a volcanic rock. Advanced manufacturing technology ensures consistent product quality, with high-fiber density and low shot content for excellent performance. JM CladStone 45 is inorganic, noncombustible, moisture repellent, non-deteriorating, and will not mildew or support corrosion.

PERFORMANCE ADVANTAGES

- **Fire Safety:** JM CladStone 45 has a melting point in excess of 2000° F.
- **Noncombustible**
- **Durable & Inorganic:** JM CladStone 45 does not support growth of fungi, nor does it sustain vermin.
- **Water Repellent:** JM CladStone 45 repels water to ensure proper wall cavity drainage when applied as part of a proper exterior wall cavity system

