

METALITE[®] 8000 WALL ASSEMBLY

Lightweight



Sustainable



Rain Screen

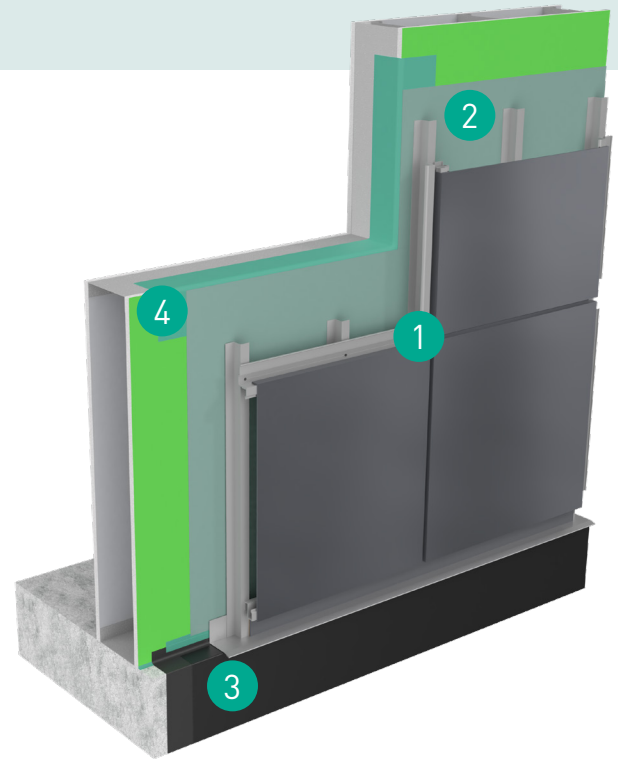


Overview

A comprehensive, whole wall assembly finished with an MCM (Metal Composite Material) cladding system that delivers a sleek, flat look that is cost-effective, easy-to-install and built for lasting performance.

In addition to providing a durable but beautiful and rivetless finish, this wall assembly incorporates a drained/back-ventilated rainscreen, an air/water resistive barrier, waterproofing, and sealants at all transitions and penetrations to withstand the elements - from fire, rain, wind and everyday wear and tear.

The wall assembly is 3rd party tested to the most up-to-date air, water, structural, deflection and multi-story flame spread standards, is compatible at all connection points and is warranted in a single document.



Feature	Benefit
ACM Construction	Manages thermal expansion and contraction, and virtually eliminates oil-canning
Durable Architectural Coatings	Protects the composite material to last the life of the building
Labeled MCM System	Ensures reliable quality as certified by a 3rd party testing organization.
Comprehensive Drainage, Air Barrier, & Waterproofing	One whole wall system incorporates protection against the effects of air, water, thermal and vapor transmission
Compatibility Tested Assembly	Lowers cost, labor and risks by reducing steps, manufacturers, and components required for the project
NFPA 285 Compliant	Limits potential spread of fire to help ensure buildings and their occupants are safe
Integrated Design	Speeds construction times to keep projects on schedule

Components

1	Drained/Back-Ventilated Rain Screen Aluminum Composite Material System
2	Tremco [®] Approved Air Barriers Tied-In to all Transitions at Windows, Penetrations and Roof Parapets
3	Tremco Below-Grade Waterproofing Tied-In to Air Barriers at Grade
4	Tremco Approved Sealant
5	Willseal [®] Expansion Joint Can be Used Next to Adjacent Surfaces (not shown)
6	Rigid or Mineral Wool Insulation (optional - not shown)



Construction Products Group

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TESTING CATEGORY	PERFORMANCE TESTS	WHY IT MATTERS
Air and Water Resistance	<ul style="list-style-type: none">AAMA 509 for Drainage & Ventilation EfficiencyAAMA E331 Water Resistance & Penetration	<ul style="list-style-type: none">Drained and Back-Ventilated (DBV) Rainscreen provides proper ventilation to allow for drying out of any moisture within the cavityProtects structure from a wide range of harsh and challenging weather conditionsRegulates air & thermal movement to reduce energy
Durability	<ul style="list-style-type: none">ASTM B221 Tensile Strength & Yield	<ul style="list-style-type: none">Resists material deformationProvides for high performance over the life of the building
Structural Strength	<ul style="list-style-type: none">Transverse Wind Load	<ul style="list-style-type: none">Protects against stress from high windsMaintains the structural integrity of the system components
Fire Performance	<ul style="list-style-type: none">NFPA 285 ComplianceASTM E84ASTM E119	<ul style="list-style-type: none">Metalite 8000's assembly protects against lateral (suite-to-suite) and vertical (floor-to-floor) flame propagation
ICC Compliance	<ul style="list-style-type: none">IBC 2021 CompliantIBC 2018 CompliantIBC 2015 Compliant	<ul style="list-style-type: none">ICC certified system and corresponding test reportFactory audited and Intertek certifiedComplies with 2018 IBC Section 1406 regarding testing, inspection and labeling

Ready to Get Started with a Whole Wall Assembly?

If you're interested in making your next project easier with a code-compliant, ready-to-specify whole wall system, contact your local Dryvit or Tremco representative at [→](#)

Dryvit/Tremco

tremcosealants.com/find-your-sales-rep
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