

Fusion™ PS5000

Product Data

ACM Panel System

Premier Panel Systems Inc.

premierpanelsystems.com

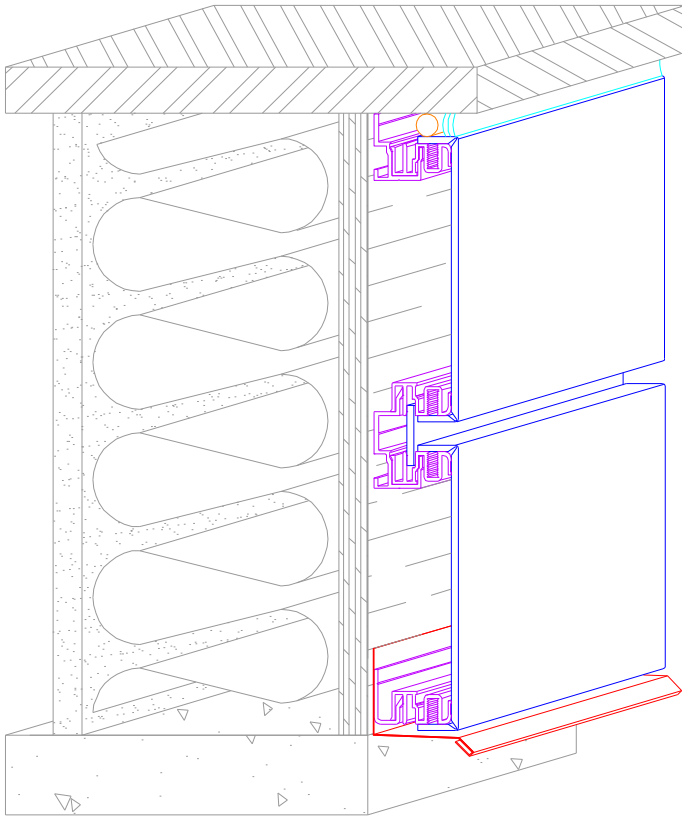
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Fusion™ PS5000

(Pressure Equalized Rainscreen System)

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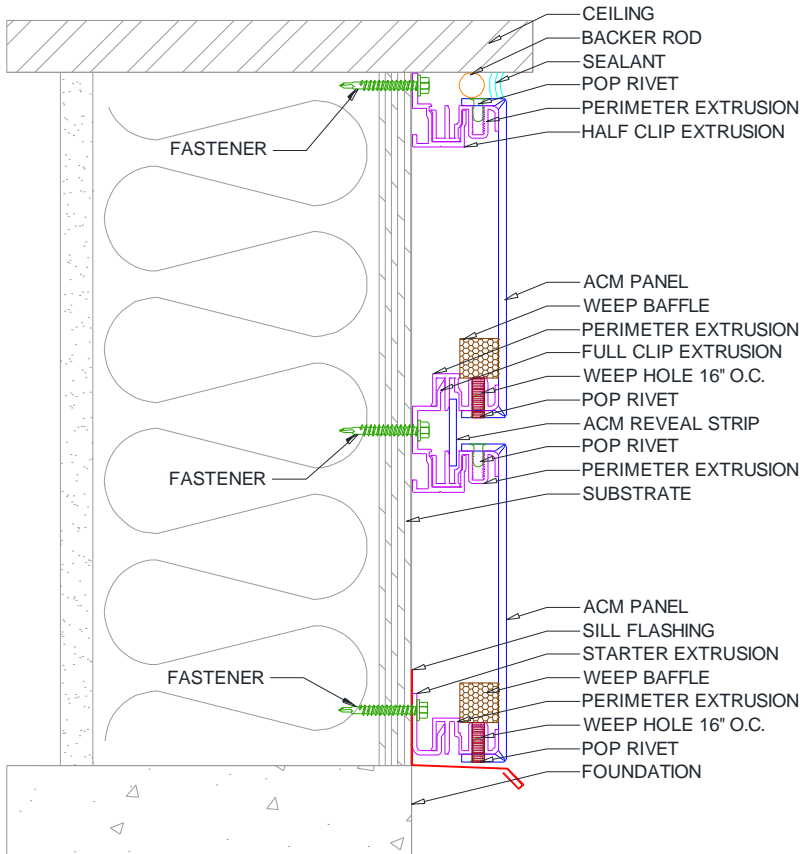
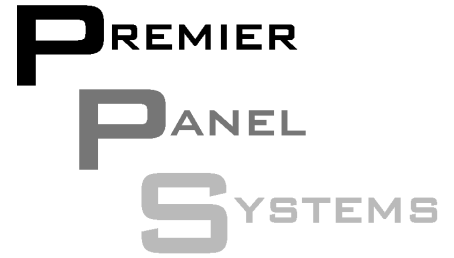


Premier Panel Systems Fusion™ PS5000 pressure equalized rainscreen system is the ideal cladding for your building's exterior. Aluminum Composite Material (ACM) panels are known for their many attributes which far exceed that of traditional exterior facades. Manufacturing processes that continuously thermobond two sheets of coil coated .02mm aluminum to a light weight yet rigid 3mm polyethylene core create a superior wall panel. ACM panels provide greater durability, flexibility, and formability than other metal wall panels all in a light weight easy to install product.



Fusion™ PS5000

(Pressure Equalized Rainscreen System)



Technical Specifications

Series:	Fusion™ PS5000
System Type:	Pressure Equalized Rainscreen System
Panel Type:	Aluminum Composite Wall Panel
Panel Thickness:	4mm
Core Material:	Polyethylene
Finish:	Kynar Coating
Max Panel Width:	60" (1524mm)
Min Panel Width:	4" (101.6mm)
Max Panel Length:	144" (3657.6mm)
Min Panel Length:	4" (101.6mm)

*Additional panel sizes available upon request

Testing Results

Characteristics	Test Method	Result
Uniform Load Deflection	ASTM E1233	Pass
Structural Performance	ASTM E330-14	Pass
Air Infiltration	ASTM E 283-04	Pass
Static Water Penetration	ASTM E 331-02	Pass
Pressure Equalization Behavior	AAMA 508-07	Pass
Water Penetration Resistance	AAMA 508-07	Pass

*Testing results available upon request