



TECHNICAL DATA SHEET

Metalite® FC Rainscreen

Aluminum Panel Rainscreen System
DS#1071

PRODUCT DESCRIPTION

Dryvit's Metalite® FC (Fix Click) Rainscreen is an aluminum panel cladding system. The flat-faced aluminum sheets are roll-formed into a variety of available sizes to meet the needs of any project. The panels can be installed horizontally or vertically and are attached to the wall via an innovative, patented assembly of notched rails designed to accommodate thermal cycling and resist positive and negative wind pressure loads. Plastic inserts in the click rail facilitate friction free thermal movement along with mitigation of rattling noises. The Metalite FC Rainscreen system has been successfully tested according to CAN/ULC S134 Standard Method of Fire Test of Exterior Wall Assemblies.

FEATURES & BENEFITS

Metalite FC's unique attachment system provides total flexibility during installation, allowing bottom-up or top-down sequencing. As an added feature, individual panels can be removed and re-installed or replaced without compromising the adjoining panels or overall integrity of the facade system.

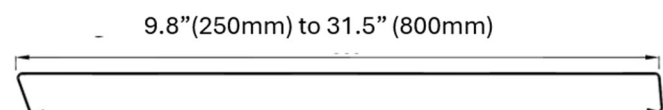
- Horizontal/vertical wall cladding on new or retrofit construction
- Durable, lightweight panel with no exposed fasteners
- Non-directional installation sequence
- Individual panel replacement
- Available in flat designs or with striations and perforations

AVAILABILITY

Metalite FC rainscreen panels are available in a range of widths. Visit our website for additional options.

Available depths and widths by profile type:

Profile	Depth	Width
30/250	1.2" (30mm)	9.8" (250mm)
30/300	1.2" (30mm)	11.8" (300mm)
30/400	1.2" (30mm)	15.6" (400mm)
30/500	1.2" (30mm)	19.7" (500mm)
30/600	1.2" (30mm)	23.6" (600mm)
30/700	1.2" (30mm)	27.6" (700mm)
30/800	1.2" (30mm)	31.5" (800mm)



LIMITATIONS

- Panel widths ranges from 10" (250mm) to 31.5" (800mm)
- Panel lengths range from 1'-4" (400mm) min. to 26'-3" (8,000mm) max.
 - Other profile lengths available on request
- Panel thicknesses (including color/surface finish): 1.0-1.47mm
- Panel length tolerances:
 - 16" (400mm) to 13.12' (4000mm): +/- 0.08" (+/- 2mm)
 - >13.12' (4000mm) to 26.25' (8000mm): +/- 0.12" (+/- 3mm)

WARRANTY

A repair or replacement warranty is available on all Dryvit products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES		
PROPERTY	RESOURCE	TYPICAL RESULTS
Aluminum Alloy	Aluminum Sheet Supplier	3004/5 (H36)
0.2% Proof Stress	Aluminum Sheet Supplier	27 ksi (185 N/mm ²)
Ultimate Tensile Strength	Aluminum Sheet Supplier	32 ksi (220 N/mm ²)
Elongation in 50mm	Aluminum Sheet Supplier	4%
Modulus of Elasticity	Aluminum Sheet Supplier	10,100 ksi (70,000 N/mm ²)
Sheet Thickness	Aluminum Sheet Supplier	1.0 – 1.47mm
Fire Testing	CAN/ULC S134	Passed

Please refer to our website at www.dryvit.com for the most up-to-date Product Data Sheets.

NOTE: All Dryvit Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

DOCCODE/0826

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