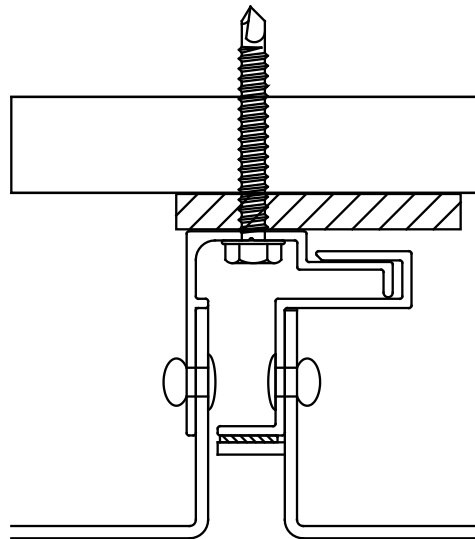
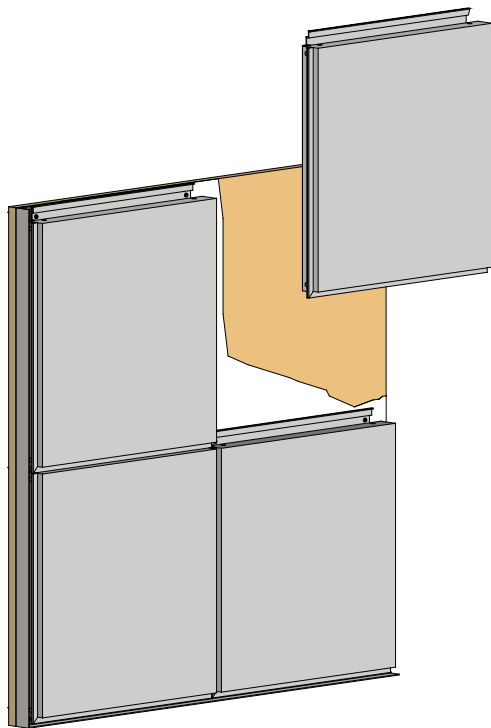


**SERIES 80** RAINSCREEN



**METAL  
DESIGN  
SYSTEMS**

DESIGNED FOR  
A PERFECT FIT.



**THE SERIES 80** is a cost conscious, monolithic metal wall panel system. It is field adaptable with sheet metal style closures and termination details. The Series 80 system is an economical and user friendly alternative to other wall panel systems. This system offers rectangular modules and bold reveal joint aesthetics.

**SERIES 80** System Features

System	Drained & Back Ventilated Rainscreen
Joint Type/Size	Dry Joint - No Caulk
Progressive System	Progressive Installation
Underlayment	Ice & Water Shield Recommended
Sheathing Over Studs	5/8" Plywood Preferred
Curved Surfaces	Hard
Independently Tested	ASTM E283, E331, E330 & AAMA 501, AAMA 509
Maintenance Free	Yes
Allow for Thermal Expansion	Yes
Price	Economical
Weather Sealed System	No
Ease of Installation	Easy

# SERIES 80 RAINSCREEN

**Face Material:**

Aluminum Sheet

See Manufacture's Product  
Data for Technical Information

**Thickness:**

- .090" Special Order
- .080" Standard
- .125" Special Order

**Finish:**

Organic multicoat system meeting  
AAMA 2605

**System Depth:**

2" minimum, 2 1/4" design

**Performance Testing:**

- ASTM E 283 - Static Air Infiltration
- ASTM E 331 - Static Water Infiltration
- AAMA 501 - Dynamic Water Infiltration
- ASTM E 330 - Structural Design Loads (40psf)
- AAMA 509 - D & BV Rain Screen Classification

**Joint Width:**

1/2" Standard

**Recommended Panel Module Sizes:**

Any Combination of Width & Length

Width	Length
45"	117"
27"	93"
21"	57"
17"	45"
13"	37"
	29"
	21"

**Panel Tolerance:**

- Width: 0.08"
- Length: 0.08"
- Thickness: 0.04"
- Square: 0.2"
- Bow: Max. 0.57% of length and/or width

**Panel Extrusions:**

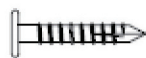
- Aluminum Alloy: 6063-T6
- Panel Perimeter Extrusion: Continuous

**Maximum Panel Size:**

45" x 117"

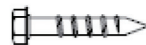
## SERIES 80 Recommended Fasteners

Dyna-Coat Torx  
T-17 12-11 x 1-1/4"



For attaching extrusions to wood substrat when a low profile head is required. 1" penetration into wood required.

#12 Wood Screw



For attaching extrusions or attachment clips to wood surfaces. Must be long enough to penetrate 1" into wood.

Dril-Flex #12 or equal



For attaching extrusions to aluminum or steel surfaces. Must be long enough to penetrate with at least 3 threads visible from back side of attachment.

1/4" Tapcon



Use for attachment of clips and extrusion to masonry surfaces. Minimum 2" from any edge to avoid structural spalling.



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