

# TECHNICAL PRODUCT GUIDE

PANELS THAT PERFORM.

PEOPLE THAT DELIVER.

# **ORIGIN PREMIER**

PANEL PARAMATERS
TESTING INFORMATION
COLOR CHARTS



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#### Manufactured to Perfection

# **Origin Premier**

Origin Premier is a versatile single skin metal panel offering unmatched design flexibility and a wide range of finishes to suit any architectural vision.



Premier Flat

Customize size, material, thickness and finish



Premier Edge

Customize depth, size, material, thickness and finish



Premier Perforated

Customize imagery, perforation diameter, material, size, thickness, and finish



Premier Dimension

Customize depth, material, size, thickness and finish



#### Premier Butterfly

\*Panel requirements can be complex—Consult ZPS sales team for specific project request\*

# Premier vs. Select

One System. Multiple Solutions.

Robust detailing, field measurements and installation drawing sets

Ability to color match

Customize your panel size within our size paraméters' to meet your vision

Faster shop drawing and production lead

Ability to custom color match

Wide variety of panel sizes to select from

# **Origin Select**

Origin Select retains the same quality and performance. The key to its affordability lies in the optimized process with select sizes, making this program an ideal choice for projects that demand both excellence and economic efficiency.

Origin Select

Standardized panel sizes, painted aluminum material, fixed at .080" thickness

Cut-to-fit application

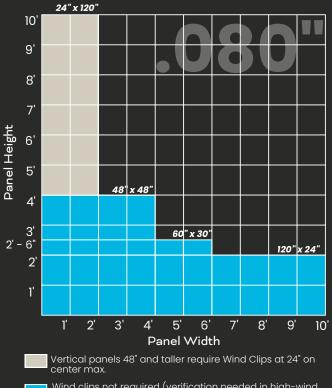


#### **Premier vs. Select**

Features	Premier	Select
Panel Sizes	Customizable	Standardized
Colors	Unlimited	Standard *Color match as requested
Formed Corners	✓	*
Brake Metal Trims	<b>⊘</b>	8
Architectural Detailing	<b>⊘</b>	*
Cut-to-Fit Detailing	<	✓
Field Measurement Drawings	<	8
Installation Drawing Set	✓	<b>✓</b> *Available if required

# .080" Post Painted Aluminum

Product Data Sheet

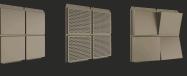


# Panel Size Parameters

Panel sizes as shown are the recommended maximum width and heights. If there is a panel size that fits inside these guidelines, ZPS can manufacture it. Please contact ZPS to discuss larger panel sizes.



**Available Panel Types** 







Wind clips not required (verification needed in high-wind areas).

Flat Perforated Edge Dimension Butter	Flat	Perforated	Edge	Dimension	Butterfly
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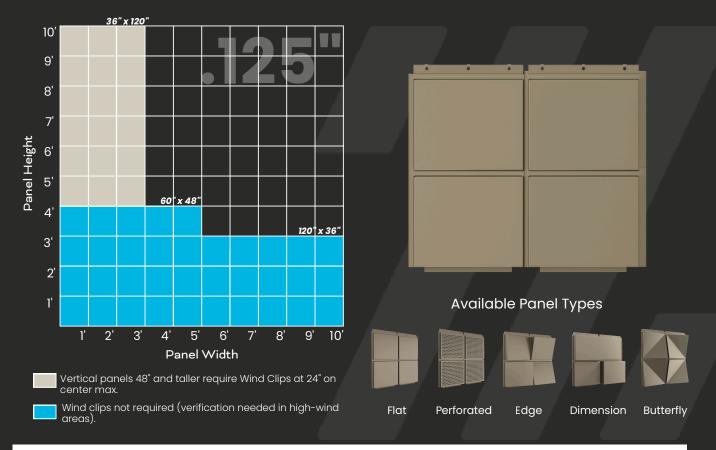
	Technical Information	
Material	Post Painted Aluminum .080" (5052-H32)	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 6"	System (V)
Material Weight	Less than 2 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283
Material Finish	70% PVDF   100% FEVE, AAMA 2605	ASTM E1233 ASTM E331
Warranty	20 years for paint   2 years for manufacturing	AAMA 501.1 ASTM E84

#### Standard Color Chart:



# .125" Post Painted Aluminum

Product Data Sheet

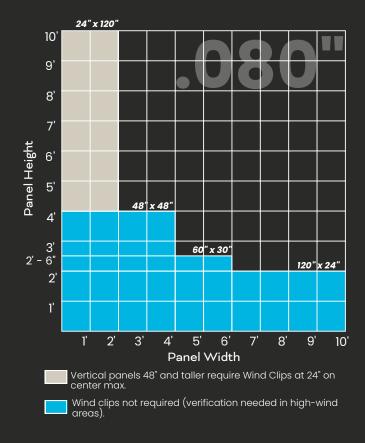


Technical Information			
Material	Post Painted Aluminum .125" (5052-H32)	Fully Tested	
Panel Depth	1-1/2" nominal standard, up to 10"	System (V)	
Material Weight	Less than 3 lbs. / sf	AAMA 508	
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283	
Material Finish	70% PVDF   100% FEVE, AAMA 2605	ASTM E1233 ASTM E331 AAMA 501.1	
Warranty	20 years for paint   2 years for manufacturing	ASTM E84	



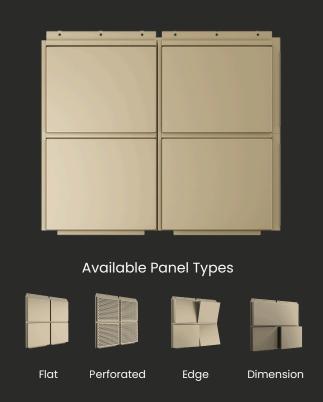
# .080" Post Anodized Aluminum

Product Data Sheet



# Panel Size Parameters

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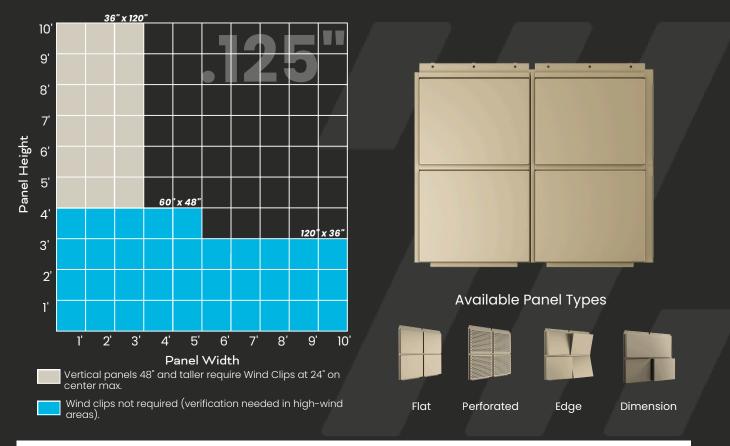
Technical Information			
Material	Post Anodized Aluminum .080" (5005-AQ)	Fully Tested	
Panel Depth	1-1/4" nominal standard, up to 6"	System (V)	
Material Weight	Less than 2 lbs. / sf	AAMA 508	
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283	
Material Finish	AAMA 611   Architectural Class 1	- ASTM E1233 ASTM E331 - AAMA 501.1 ASTM E84	
Warranty	5 - 10 years for anodized   2 years for manufacturing		

### **Anodized Standard Color Chart:**



# .125" Post Anodized Aluminum

Product Data Sheet



Technical Information	
Post Anodized Aluminum .125" (5005-AQ)	Fully Tested
1-1/2" nominal standard, up to 8"	System (V)
Less than 3 lbs. / sf	AAMA 508
5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283 - ASTM E1233 ASTM E331 - AAMA 501.1 ASTM E84
AAMA 611   Architectural Class 1	
5 - 10 years for anodized   2 years for manufacturing	
	Post Anodized Aluminum .125" (5005-AQ)  1-1/2" nominal standard, up to 8"  Less than 3 lbs. / sf  5/8" nominal (1/8" - 1" available)  AAMA 611   Architectural Class 1

DARK BRONZE ANO-303 AE EXTRA DARK BRONZE ANO-304 AE

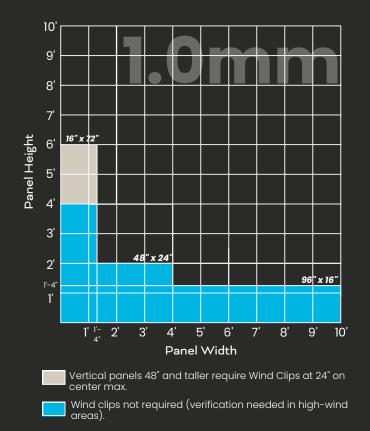
**BLACK** ANO-305 AE



**BORDEAUX** ANO-730 AE

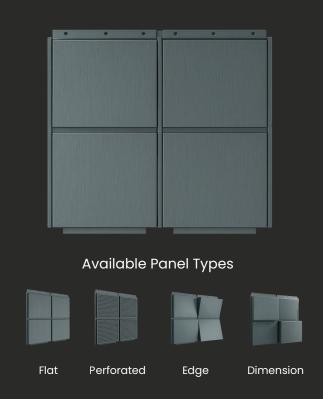
#### 1.0mm NedZink

Product Data Sheet



# Panel Size Parameters

Panel sizes as shown are the recommended maximum width and heights. If there is a panel size that fits inside these guidelines, ZPS can manufacture it. Please contact ZPS to discuss larger panel sizes.



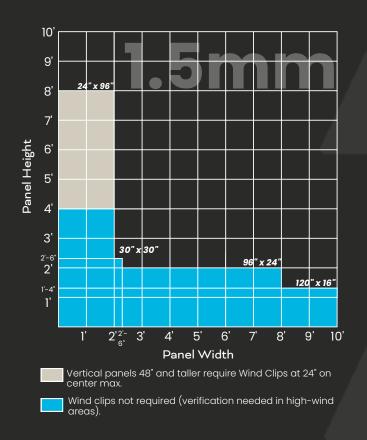
Technical Information		
Material	1.0mm Zinc	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 3"	System (V)
Material Weight	≈ 2 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283 ASTM E1233 ASTM E331 AAMA 501.1
Material Finish	Naturel   Neo   Noir   Nuance	
Warranty	NedZink   Material, 10 years   2 years for manufacturing	AAWA 001.1

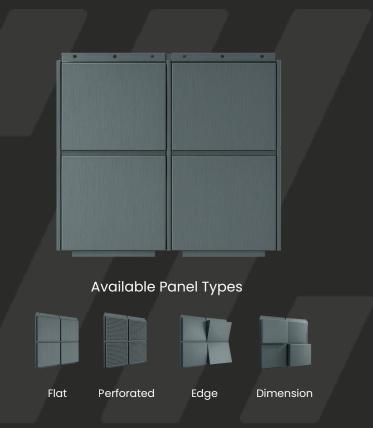
#### NedZink Standard Colors:



## 1.5mm NedZink

Product Data Sheet



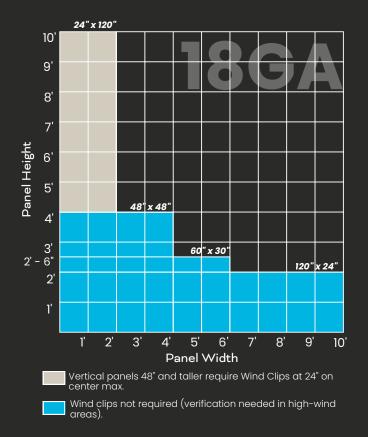


Technical Information		
Material	1.5mm Zinc	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 3"	System (V)
Material Weight	≈ 3 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283 ASTM E1233 ASTM E331 AAMA 501.1
Material Finish	Naturel   Neo   Noir   Nuance	
Warranty	NedZink   Material, 10 years   2 years for manufacturing	AAWA 301.1



# **18GA Weathering Steel**

Product Data Sheet



## Panel Size Parameters

Panel sizes as shown are the recommended maximum width and heights. If there is a panel size that fits inside these guidelines, ZPS can manufacture it. Please contact ZPS to discuss larger panel sizes.





	Technical Information	
Material	18 GA, A606-4 Weathering Steel	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 3"	System (V)
Material Weight	≈ 3 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283 - ASTM E1233 ASTM E331 AAMA 501.1
Material Finish	Mill Steel - Naturally Weathering	
Warranty	2 years for manufacturing	ASTM E84

Examples of the natural patina formation process of A606-4 weathering steel

(Weather/climate dependent)

Year 1 Year 2 Year 3

# 16GA Weathering Steel Product Data Sheet

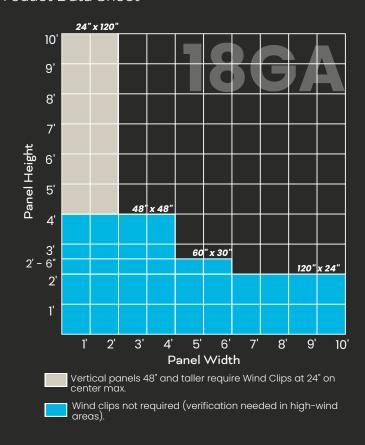


	Technical Information	
Material	16 GA, A606-4 Weathering Steel	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 3"	System (V)
Material Weight	≈ 3 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283 - ASTM E1233 ASTM E331 - AAMA 501.1
Material Finish	Mill Steel - Naturally Weathering	
Warranty	2 years for manufacturing	ASTM E84

Year 4 Year 5 Year 6 Year 7

## **18GA Stainless Steel**

Product Data Sheet



## Panel Size Parameters

Panel sizes as shown are the recommended maximum width and heights. If there is a panel size that fits inside these guidelines, ZPS can manufacture it. Please contact ZPS to discuss larger panel sizes.



	Technical Information	
Material	18 GA, 316 Stainless Steel	Fully Tested
Panel Depth	1-1/4" nominal standard, up to 3"	System (V)
Material Weight	≈ 3 lbs. / sf	AAMA 508
Panel Joints	5/8" nominal (1/8" - 1" available)	ASTM E330 ASTM E283
Material Finish	Polished, Brushed, Angel Hair, 2B	ASTM E1233 ASTM E331 AAMA 501.1
Warranty	2 years for manufacturing	ASTM E84

#### Finish Options





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www.zeeffpanels.com

616-341-7227 info@zeeffpanels.com

138 W Washington Ave. Zeeland, MI 49424