



PARACLAD 200



PARACLAD 100XT



PARACLAD 100



PARACLAD LITE

Parasoleil

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PARASOLEIL DATA SHEET

ParaClad™ Systems

The ParaClad™ ventilated scrim system is a versatile cladding solution featuring four distinct product offerings designed for various commercial building facade conditions ensuring durability, efficiency, and aesthetic appeal.

ParaClad substructure system options:

ParaClad 200, ParaClad 100XT, ParaClad 100, ParaClad Lite

VERSATILE

The ParaClad substructures offer four options to meet the diverse needs of various building types. For an open-air structure such as a parking garage, ParaClad 200 is ideal for horizontal spans >6', ParaClad 100XT for high offset distance from wall surface, and ParaClad 100 for horizontal spans <6'. ParaClad Lite is best on a continuous wall building facade. These comprehensive solutions can enhance the aesthetics of parking garages or revitalize older buildings and fulfill performance specifications.

DURABLE

Corrosion-resistant aluminum structural purlins, ventilated panels, and installation brackets, paired with stainless steel hardware and high-performance powder coat finishes, meet or exceed the most stringent durability standards for a wide range of project conditions.

ARTISTIC

This aesthetically focused system features nearly 100 performance-rated perforated pattern choices, along with fully customizable options. The ventilated panels serve as artistic tools to achieve any specific design intent.

CUSTOM OPTIONS (FOR ADDITIONAL CHARGE)

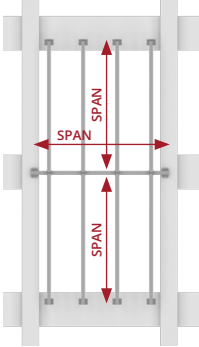
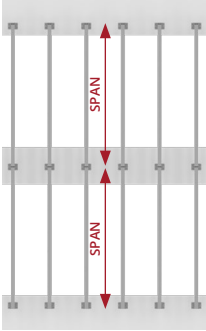
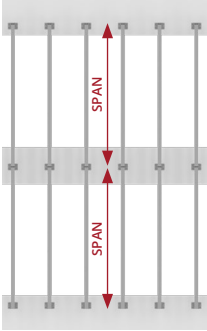
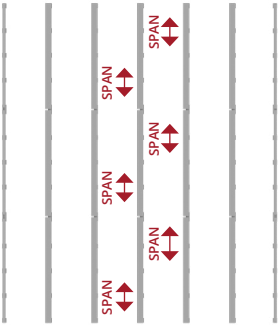
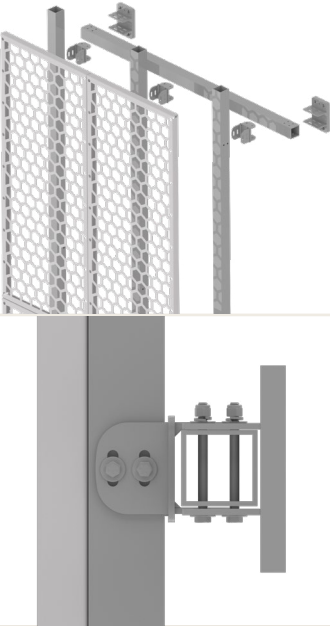
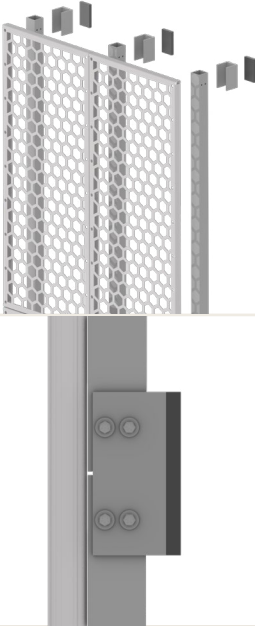
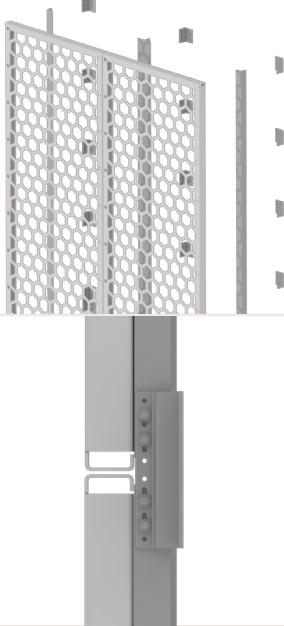
- High wind solutions
- 49 – 60" wide panels

Whatever your project or design needs, Parasoleil's experienced technical team is ready to support you every step of the way to ensure your vision comes to life seamlessly.

QUESTIONS?

Contact Parasoleil for complete specifications, installation requirements and warranty coverage.

The ParaClad system offers four options to fit various building conditions.

PARACLAD 200	PARACLAD 100XT	PARACLAD 100	PARACLAD LITE
SYSTEM CAPABILITIES			
Most Versatile System Floor-to-floor span Bi-directional span (horizontal >6') Turnkey system	Heavy-Duty Commercial System Floor to Floor span Greatest Offset Distance Turnkey system	Highly Customizable System Floor-to-floor span Single span capability Turnkey system	Light Gauge Economical System Mtl. studs or conc. wall surfaces Connection points 24" O.C. Typ. Turnkey system
SYSTEM SPAN DIAGRAMS			
			
SYSTEM COMPONENTS			
			

SYSTEM COMPONENTS	PARACLAD 200	PARACLAD 100XT
PURLINS		
Material	6061 Extruded Aluminum	6061 Extruded Aluminum
Finish Options	AAMA 2604 2-Step Coating Mill Finish	AAMA 2604 2-Step Coating Mill Finish
Size	3" X 3"	3" X 3", 3" X 4", 3" X 6"
Weight / Linear Feet	2.48 lbs.	Varies depending on offset dist.
WALL MOUNTING BRACKETS		
Material	6061 Extruded Aluminum	6061 Extruded Aluminum
Finish Options	AAMA 2604 2-Step Coating Mill Finish	AAMA 2604 2-Step Coating Mill Finish
Corrosion / Thermal Isolator	.75" Thick HDPE	.75" Thick HDPE
Panel Offset Distance from Wall (Range)	4"-14"	Up to 28"***
L x W x D	Single: 5.5" X 8.25" X 3.7" Double: 10" X 8.25" X 3.7"	Base Plate: 7.5" X 7.5" Single: 3.6" X 3.75" X 6" Double: 3.6" X 3.75" X 10"
PERFORMANCE		
Wall Attachment Max Span	144"	144"
Assumed Design Pressure (ASD)*	33psf	40psf
Assumed Rail Horizontal Spacing*	48" O.C.	85" O.C.
Self Tapping Fastener Spacing*	8" O.C.	8" O.C.
Panel Thickness*	.125"	.125"

*Consult Parasoleil for project specific panel thickness option recommendations.

**Offset distance may be higher for lower wind speed regions and/or reduced horizontal rail spacing. Contact Parasoleil for details.

NOTE: See Parasoleil warranty for manufacturing details.

EXCLUSIONS: Anchor bolts to attach base plate to wall substrate, site measurements, and installation are not included.

CONTINUED ON THE NEXT PAGE

SYSTEM COMPONENTS	PARACLAD 100	PARACLAD LITE
PURLINS		
Material	6061 Extruded Aluminum	6061 Extruded Aluminum
Finish Options	AAMA 2604 2-Step Coating Mill Finish	Black Powder Coat
Size	3" X 3"	4" x 1.5" 'T' Rail 1.75" x 1.5" 'L' Rail
Weight / Linear Feet	2.48 lbs.	.75 lbs 'T' Rail .43 lbs 'L' Rail
WALL MOUNTING BRACKETS		
Material	6061 Extruded Aluminum	6061 Extruded Aluminum
Finish Options	AAMA 2604 2-Step Coating Mill Finish	Mill Finish
Corrosion / Thermal Isolator	.75" Thick HDPE	0.125" Thick EPDM
Panel Offset Distance from Wall (Range)	4"-14"	2.5"-6"
L x W x D	Single: 5.5" X 8.25" X 3.7" Double: 10" X 8.25" X 3.7"	Single: 3.25" X 2.5" X 2", 3", 4", 5" Double: 6.5" X 2.5" X 2", 3", 4", 5"
PERFORMANCE		
Wall Attachment Max Span	144"	36"
Assumed Design Pressure (ASD)*	33psf	36psf
Assumed Rail Horizontal Spacing*	48" O.C.	48" O.C.
Self Tapping Fastener Spacing*	8" O.C.	8" O.C.
Panel Thickness*	.125"	.125"

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