

XIP 10

(EX
PRO)
SYSTEM

An AirClad X Technical Data Sheet



Updated 19/05/22
by SC

XIP
TECHNICAL DATA
[M] 10m by 12.5m

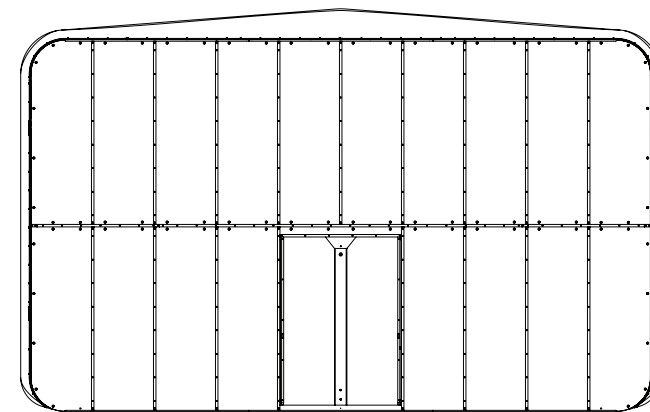
XIP 10



CONTENTS

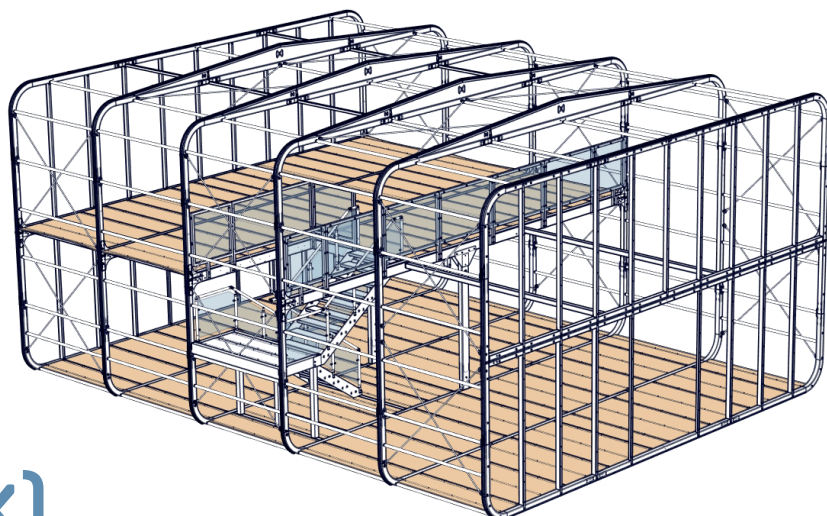
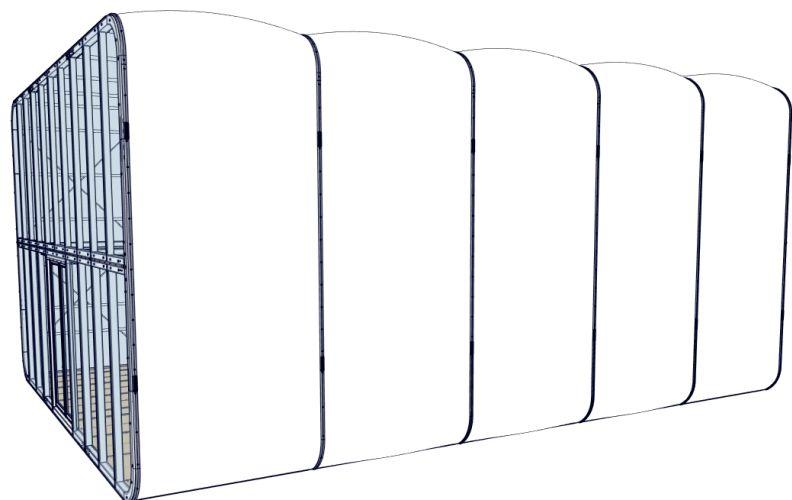
[M] 10m by 12.5m

INTRODUCTION	03
CORE PACKAGE	04
COMPONENT CHART	05
ELEVATIONS	10



XIP

INTRODUCTION



This Technical Data document is designed to assist prospective clients and operators by offering a scope of the physical aspects of this AirClad X structure. The information provided is intended as a guide and should not be used to overlay detailed plans. 3D CAD files are available for project-specific applications on request.

The XIP is a double height modular system designed to take AirClad events to a whole new level. The internal space can be configured with an internal mezzanine or left open to enjoy the 6m high, two-storey space.

Following the same formula developed with the XPO System, the XIP is Designed for maximum efficiency in production, with details that negate the need for nuts and bolts in assembly. The core XIP package includes all parts required to assemble a sealed, secure space, ready for interior fit out. The XIP is modular in depth, extending away from the fascia in 2.5m and 3.5m increments.

Quality finishes create a premium feel, inside and out. The Space Frames and Cross Braces are double powder coated for durability. The Fascia uprights, as with the door frames, are finished in a premium, textured black powder coat. The integrated raised flooring has 150mm floor cavities to run electrics and AV cabling to preserve the clean aesthetic of the internal space.

The 18mm plywood floor has a tough resin-coat and is ready for a range of internal floor finishes to make the space your own.

The front fascia on the XIP incorporates a double sliding door system and is supplied with a clip-on 1m deep ramp for easy access. The doors can be mounted in various positions along the 1m wide fascia grid. The rear fascia is fully closed as standard with doors available as an option. On the XIP, multiple double door systems can be used on one fascia.

The XIP is proudly designed and produced in the EU and is engineered to Euro Code 13782.

NOTE

For the purposes of the data sheets, the information provided is based on single double sliding doors to the front with a closed fascia to the rear. For information on operations and health and safety please refer to product logbook.



XIP [M] 10 x 12.5

5m Open Double Height

CORE PACKAGE

Structural Frames:	26
Cross bracing:	95
Flooring:	4 L0 Standard Set 1 L0 Stairwell Set 2 L1 Standard Set 1 L1 Stairwell Set
Double sliding door system with ramp access:	2
Glazing:	30 square sheets 8 rounded edge sheets
AirCells:	5
Air management systems:	5
Connection Hoses:	5
OPTIONAL EXTRAS	
Number of Stillages:	1
Weight of Stillage:	500 kg

PACKED STRUCTURE DETAILS

Max Packed Size:	3 curtain side 13.6m long
Packed weight:	14,788 kg

BUILT STRUCTURE DETAILS

Max External footprint:	10.3 m by 13.3 m (137 m ²)
Internal area L0:	9.2 m by 12.4 m (114 m ²)
Internal area L1:	9.8 m by 7.4 m (72 m ²)
Max height:	6.47m
Max entrance / exit opening:	1.8 m by 2.7m high
Frame Cross section:	100 mm by 100 mm
Cross bracing cross section:	50mm Diameter
Structure total weight:	13,700 kg
Lorry Side Curtain Size (Artic):	13.60m x 2.50m x 2.60m (3x)

MATERIALS

Aircells:	FR treated polyester re enforced PVC
Frame Bracing:	Powder coated extruded Steel S235
Frame Roof:	Powder coated extruded Aluminium
Cross bracing:	Powder coated mild steel
Flooring:	18mm thick resin coated ply wood
Flooring braces:	50mm galvanized box section steel
Glazing:	6mm Polycarbonate

POWER

Air Management system: draws 1.4amp

INSTALLATION AND DERIG GUIDE

Crew:	min 12 people
Crew Leader:	1 person
Set up time:	from 3 days
Derig time:	from 3 days
Tools required:	General site tools 6x step ladders 2x telehandler (min 15m reach) 2x all terrain forklift 2x scaffold tower on wheels 3x scissor lift 1x rigging kit

NOTE

The above refers to setting up the structures, fixing and pressurising of air cells only. The guides supplied represent minimum required action to achieve a safe and secure installation. The times indicated may vary due to site conditions, access, weather and other elements outside of our control. We always advise pre-installation site visits where possible in advance of any goods arriving on site. AirClad accepts no responsibility for damages to equipment, structures, injuries to persons, or loss of earnings due to structure installation methods outside of their own crew control.



XIP [M] 10 x 12.5

5m Open Double Height

COMPONENT CHART

System	Components	Set Qty.	Qty.
Main Frame			
	Upper Outer Frame (Aluminium)		2
	Lower Outer Frame (Steel)		2
	Extension Outer Frame (Steel)		4
	Extension Inner - Open (Steel)		2
	Outer Mezzanine (Steel)		2
	Upper Inner Frame (Aluminium)		4
	Lower Inner Frame - Open (Steel)		1
	Lower Inner Frame - Mezzanine		3
	Extension Inner - Mezzanine		6
Cross Brace			
	Single Cross Brace		75
	Double Cross Brace		20
Stair Set			
	Stair With Aluminium Steps (Set)	1	1
	Stairs Balustrade (Set)	1	
	Stairs Handrail (Set)	1	
Flooring L0 (Standard)			
	Middle Floor Board	1	4
	Standard Floor Board	6	
	Edge Floor Board	2	
	Access Ramp (2m)	1	

System	Components	Set Qty.	Qty.
Flooring L0 (Stairwell)			
	Middle Floor Board	1	1
	Standard Floor Board	3	
	Edge Floor Board	1	
	Stairwell Edge Floor Board	1	
	Stairwell Under Floor Board	2	
	Stairwell Landing Floor Board	1	
Flooring L1 (Standard)			
	Middle Floor Board	1	2
	Standard Floor Board	12	
	Edge Floor Board	2	
Flooring L1 (Stairwell)			
	Middle Floor Board	1	1
	Standard Floor Board	7	
	Edge Floor Board	1	
	Stairwell Top Landing Floor Board	1	
Mezzanine Profile			
	Inner Mezzanine (Standard)		2
	Inner Mezzanine (Balustrade)		1
Transverse			
	Transverse Beam 2.4		6
	Transverse Beam 4.9		2

System	Components	Set Qty.	Qty.
Balustrade Railing			
	Rail Frame Standard	5	1
	Rail Frame Side	2	
	Polycarb Standard	5	
	Polycarb Side	2	
	Fascia Washer	84	
Tension Wire			
	Xip [W] - 3235mm Side Wall		24
	Xip [R] - 4490mm Roof		8
	Xip [M] - 3825mm Mezzanine		8
Fascia Glazing			
	Fascia Panel Straight Upper		16
	Fascia Panel Straight Lower		12
	Fascia Panel Rounded		8
	Fascia Panel Above Door		2
	Fascia Washer		156
Fascia Uprights			
	Lower Fascia Upright		12
	Upper Fascia Upright		18
	Fascia Upright Cover Strip		30
	S-Door Upright		4
	S-Door Cover Strip		4

System	Components	Set Qty.	Qty.
Sliding Door Set			
	Sliding Door Left (With Poly)	1	2
	Sliding Door Right (With Poly)	1	
	Sliding Door Rail	1	
	Sliding Door Guide	1	
Aircells			
	Full Aircell		5
Air Management			
	Fan		5
	Hose Set		5
	Jubilee Clips		15
	Valve Caps		10
	Valve Connectors		5
Packaging			
	Frame Stillage		1
	Frame Stillage Cover		1
	Parts Stillage (Small)		3
	Parts Stillage (Large)		3
	Aircell Bag		5
TOTAL WEIGHT (KG)			14219
ADD 4% FOR SCREWS (KG)			14788



This chart is to give an overview of the differences from one system size to the next. It is intended to assist in cases where sites, access, set up times may affect what is possible with a project.

Disclaimer

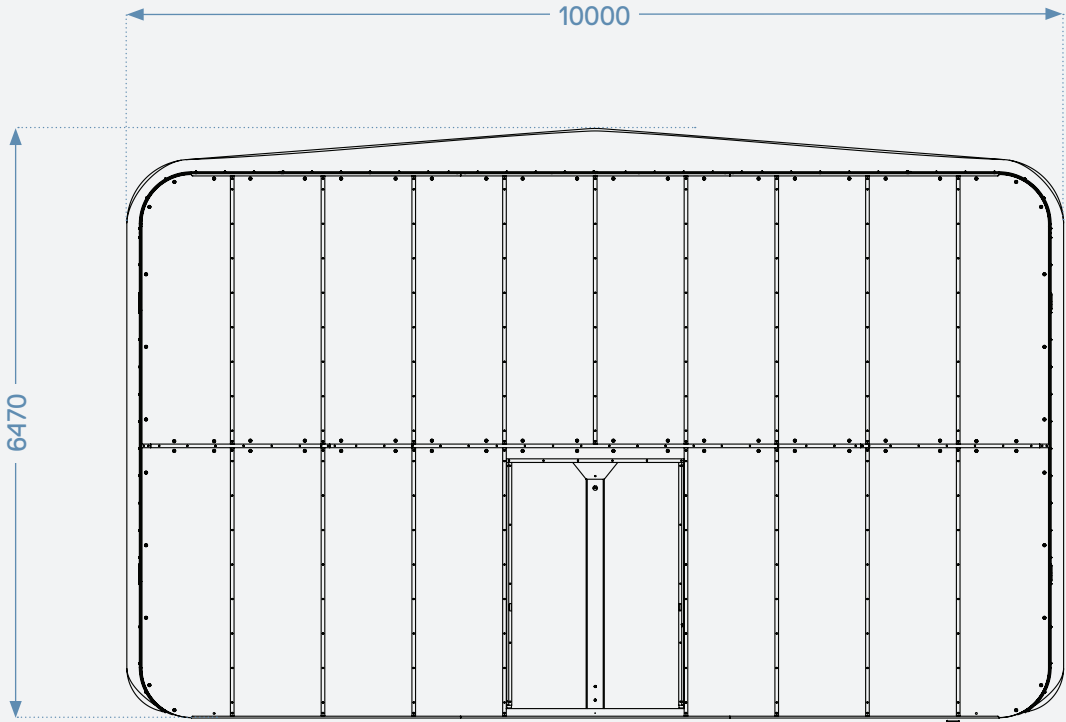
Please note the information in the document is offered as guidance only. AirClad and its partners accept no liability for variations in dimensions, weights, and written information provided. AirClad and its partners reserve the right to alter or delete any information provided at any time.

XIP [M] 10 x 12.5

5m Open Double Height

ELEVATIONS

All sizes in mm.



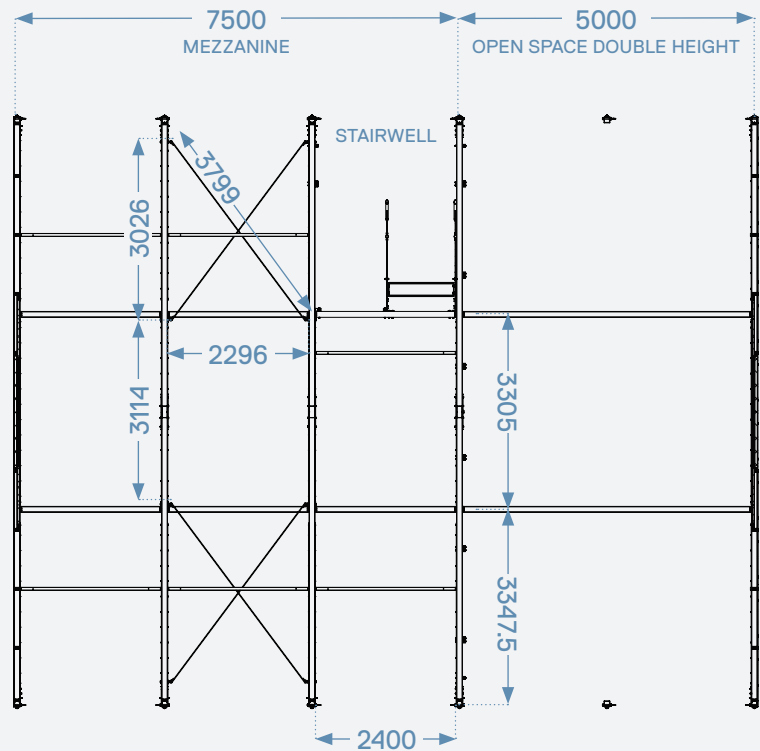
FRONT ELEVATION



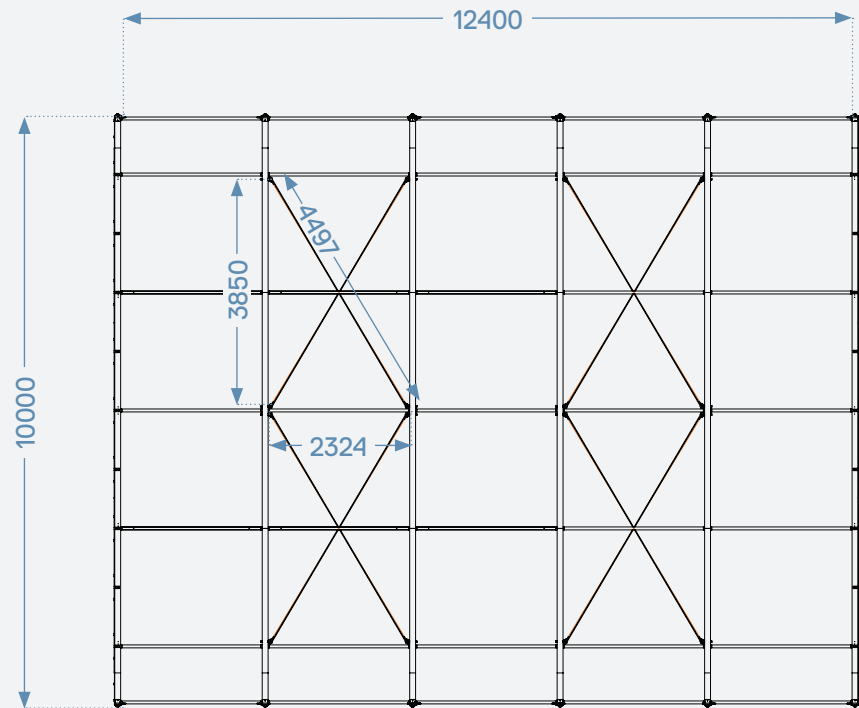
XIP [M] 10 x 12.5 5m Open Double Height

ELEVATIONS

All sizes in mm.



GROUND FLOOR PLAN SECTION



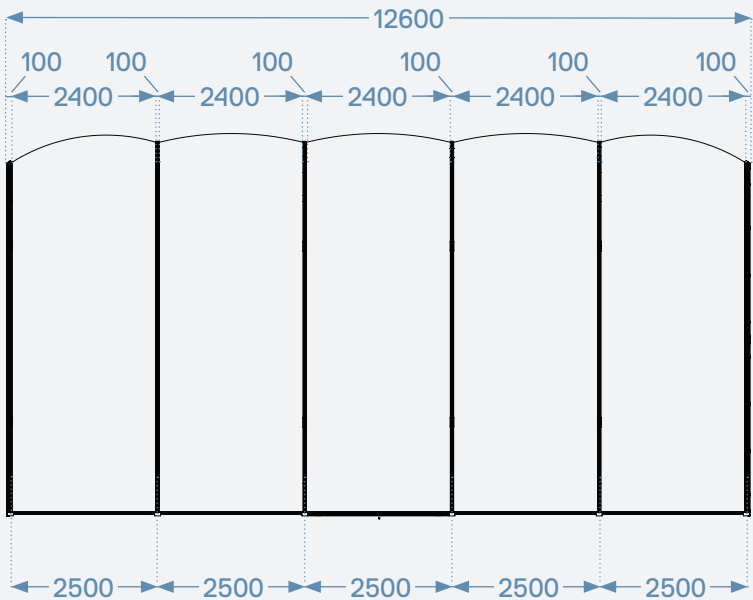
MEZZANINE PLAN SECTION



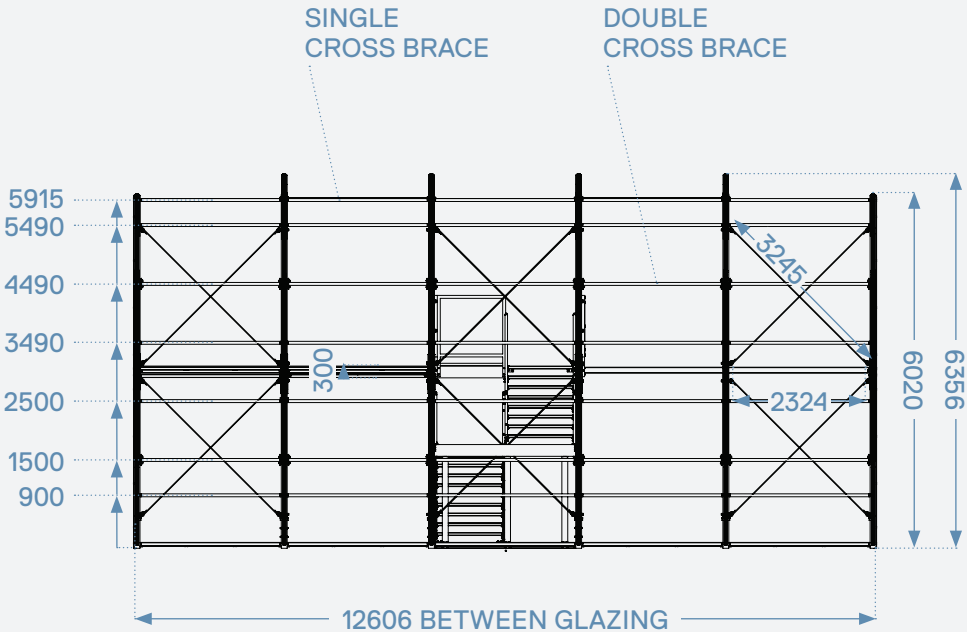
XIP [M] 10 x 12.5 5m Open Double Height

ELEVATIONS

All sizes in mm.



SIDE ELEVATION



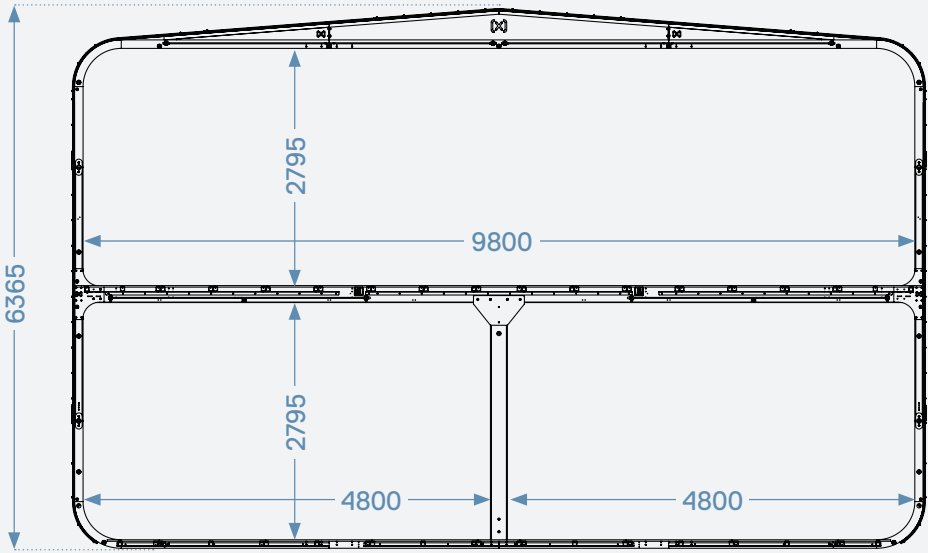
SECTION



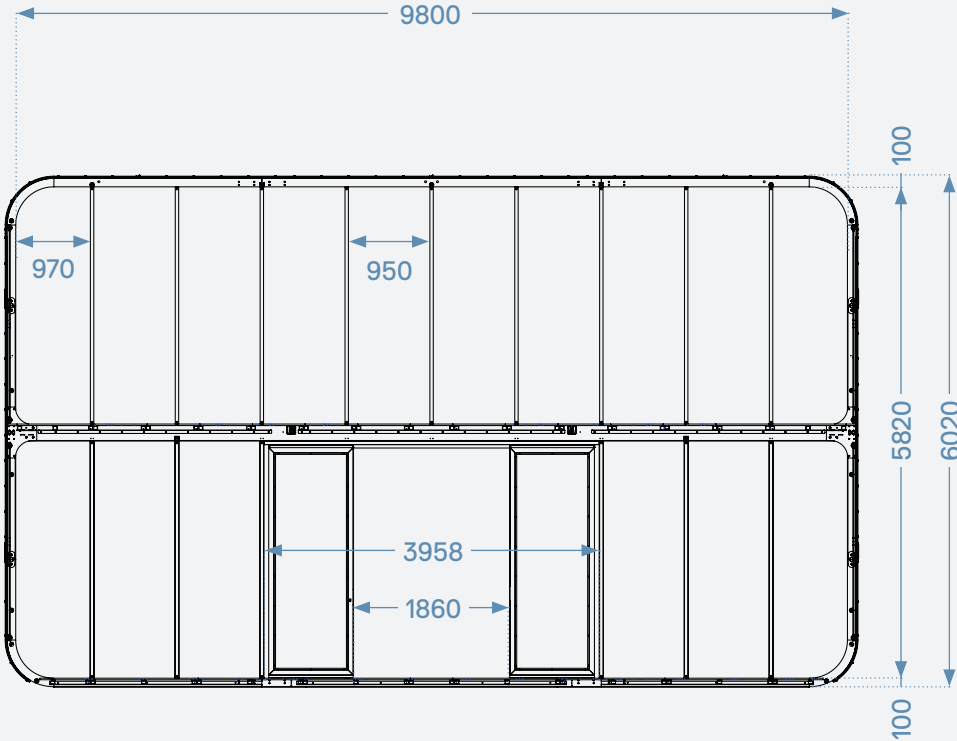
XIP [M] 10 x 12.5 5m Open Double Height

ELEVATIONS

All sizes in mm.



INNER FASCIA
(INSIDE VIEW)



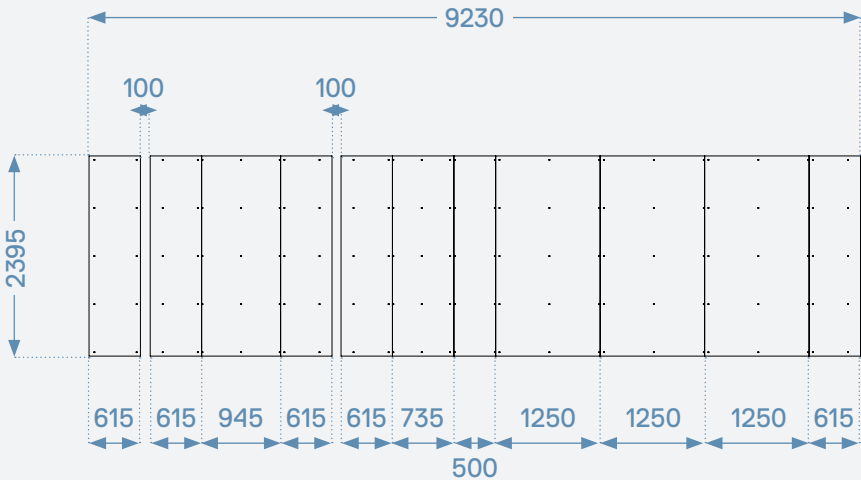
FRONT FASCIA
(INSIDE VIEW)



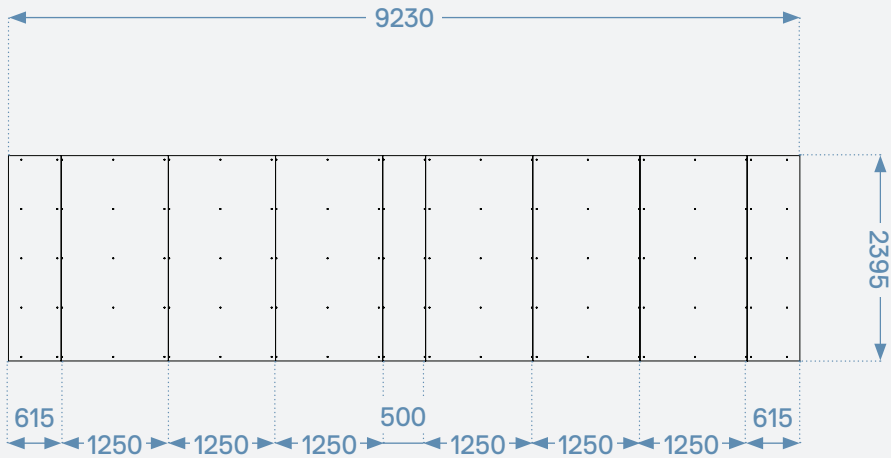
XIP [M] 10 x 12.5 5m Open Double Height

ELEVATIONS

All sizes in mm.



GROUND FLOOR STAIRWELL PLAN
(X1)



GROUND FLOOR STANDARD PLAN
(X4)

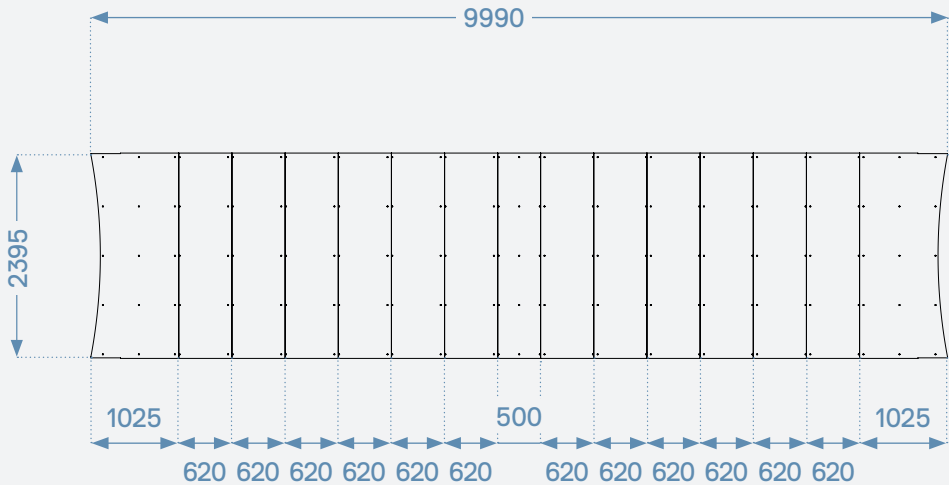


XIP [M] 10 x 12.5

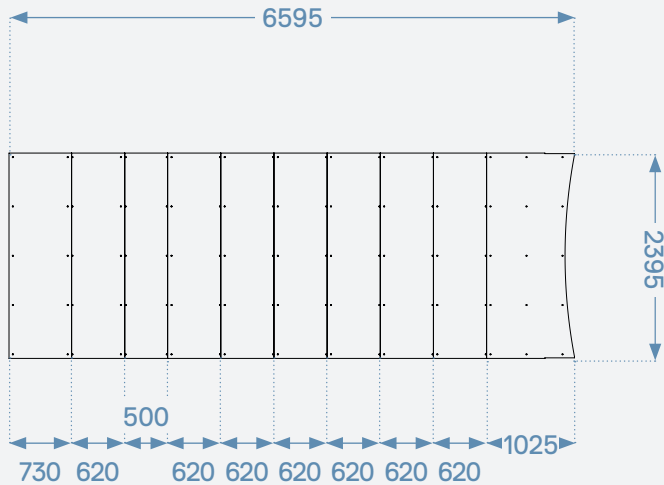
5m Open Double Height

ELEVATIONS

All sizes in mm.



MEZZANINE FLOOR STANDARD PLAN
(X2)



MEZZANINE FLOOR STAIRWELL PLAN
(X1)

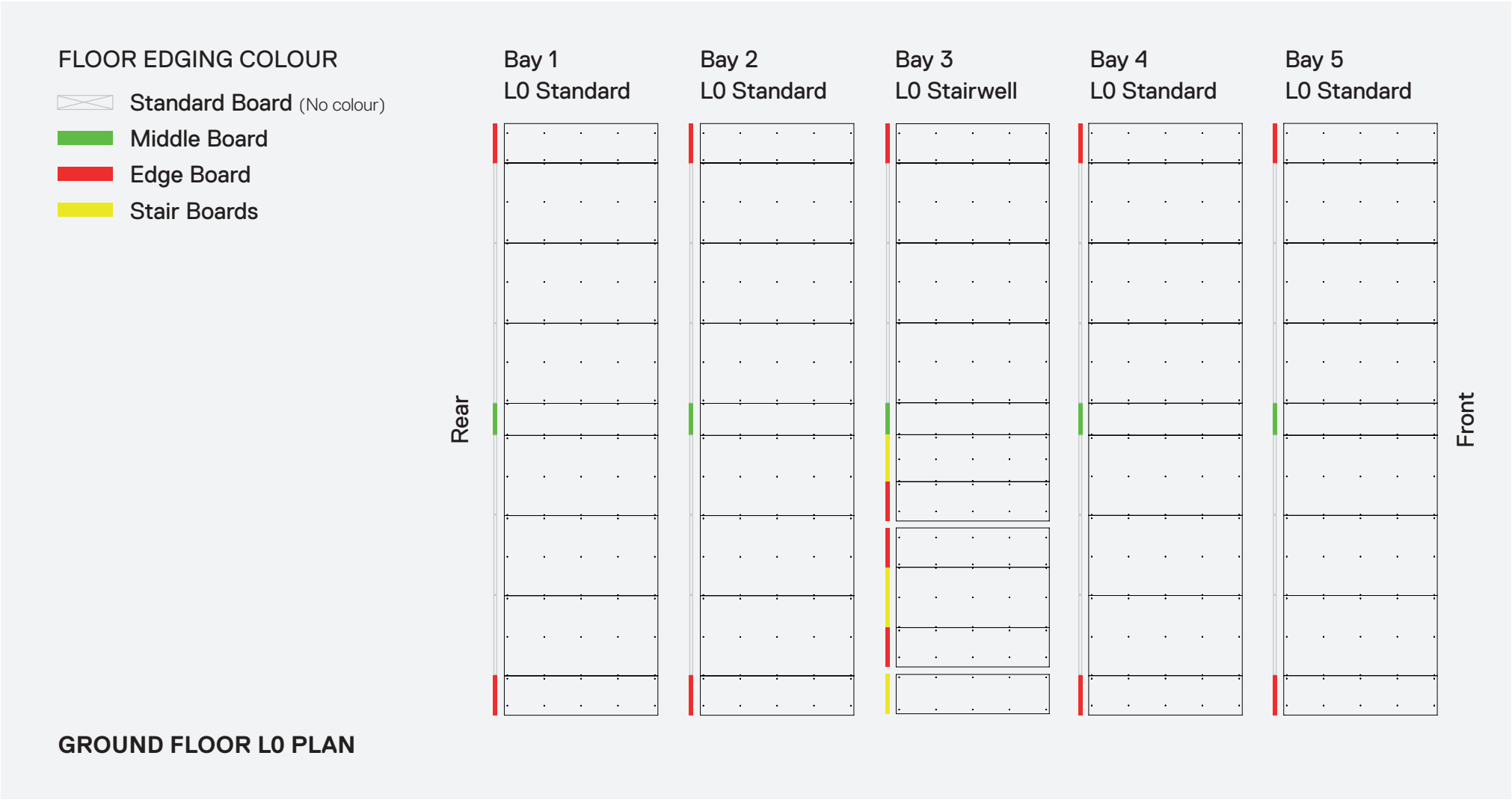


XIP [M] 10 x 12.5

5m Open Double Height

ELEVATIONS

All sizes in mm.



FLOOR EDGING COLOUR

- Bay 1
L1 Standard

Bay 2
L1 Standard

Bay 3
L1 Stairwell

Bay 4
N/A

Bay 5
N/A

Rear

Front

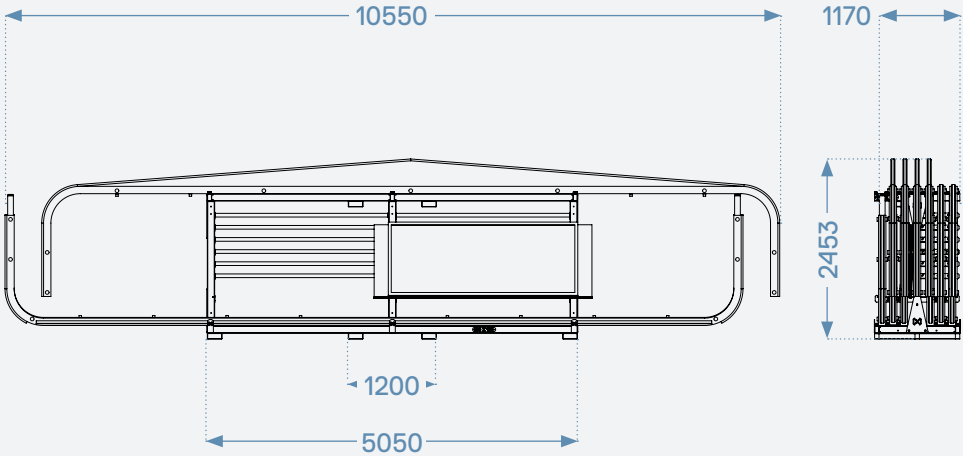
MEZZANINE FLOOR L1 PLAN

XIP [M] 10 x 12.5

5m Open Double Height

ELEVATIONS

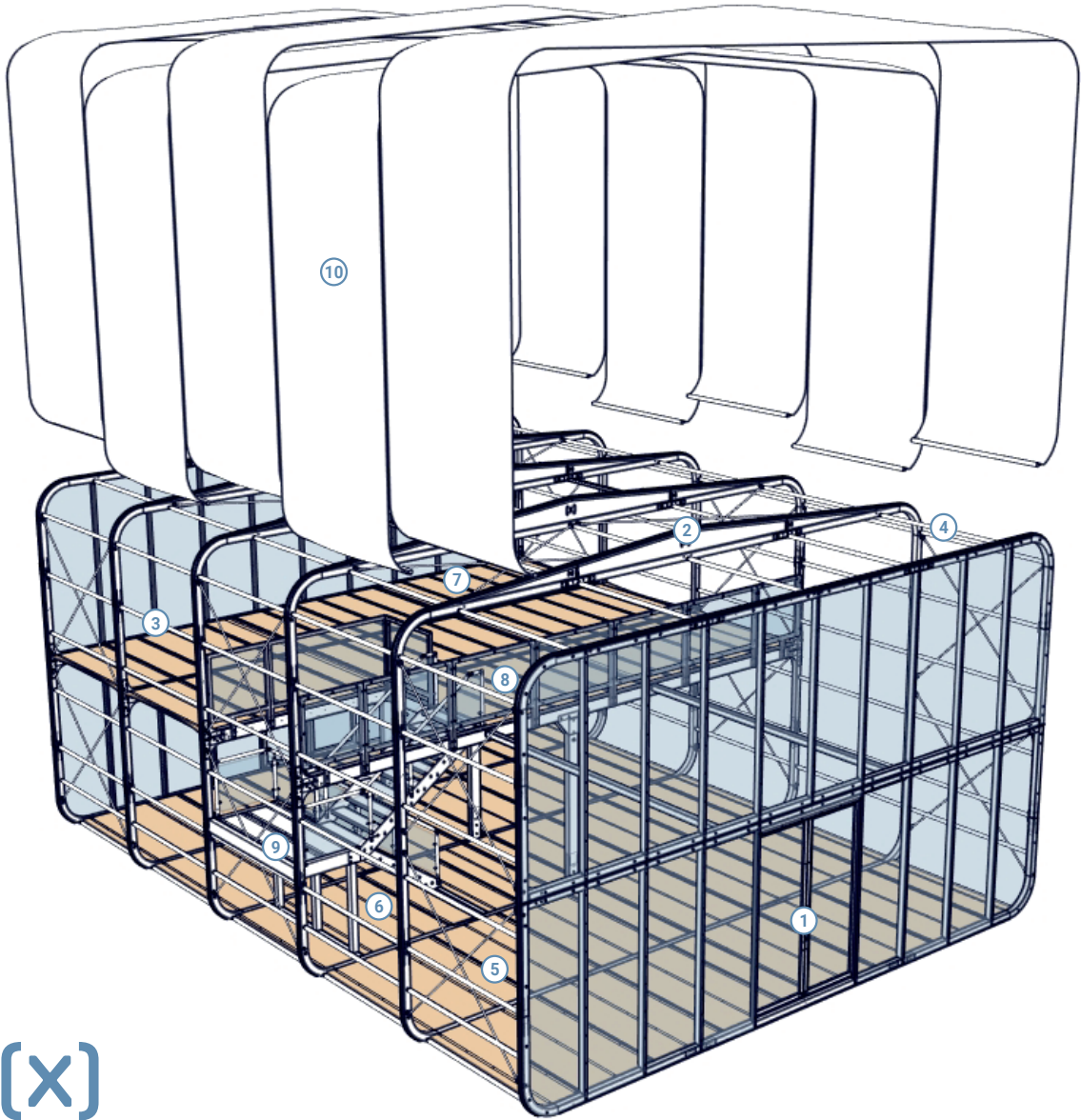
All sizes in mm.



STILLAGES



XIP [M] 10 x 12.5 5m Open Double Height



Item No.	Description	QTY.
①	Door Fascia	2
②	Mid Fascia	4
③	Cross Brace Double	20
④	Cross Brace Single	75
⑤	Flooring L0 Standard	4
⑥	Flooring L0 Stairwell	1
⑦	Flooring L1 Standard	2
⑧	Flooring L1 Stairwell	1
⑨	Stair Set	1
⑩	AirCell	5





SPACE FOR LIFE

**AirClad Ltd
57 Canbury Park Road
Kingston
London
KT2 6LQ**

**info@airclad.com
www.airclad.com**

#FASTARCHITECTURE