

Play Fundamentals

International Collection

Equipment Manufacturer



IPL-1431

AGES: 3-14

PLAY EVENTS: 12

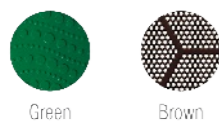
USE ZONES: 9,35m x 6,71m

WEIGHT: 602 kg

SIZE: 5,74m x 3,11m x 4,36m

CAPACITY: 28

TO INSTALL: 26,75 hours



FRONT



BACK



PLAYWORLD SYSTEMS, INC.
 1000 Buffalo Road
 Lewisburg, PA
 17837-9795 USA

EQUIPMENT SIZE:
5,74M x 3,11M x 4,36M

USE ZONE:
9,35M x 6,71M

AREA: **50.73M²** PERIMETER: **28,67M**

FALL HEIGHT:
1,22M

USER CAPACITY: **26** AGE GROUP: **3-14**

EN-1176

PROJECT NO:
IPL-1431B

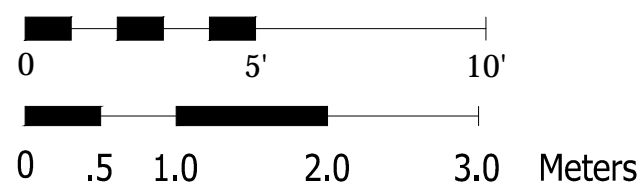
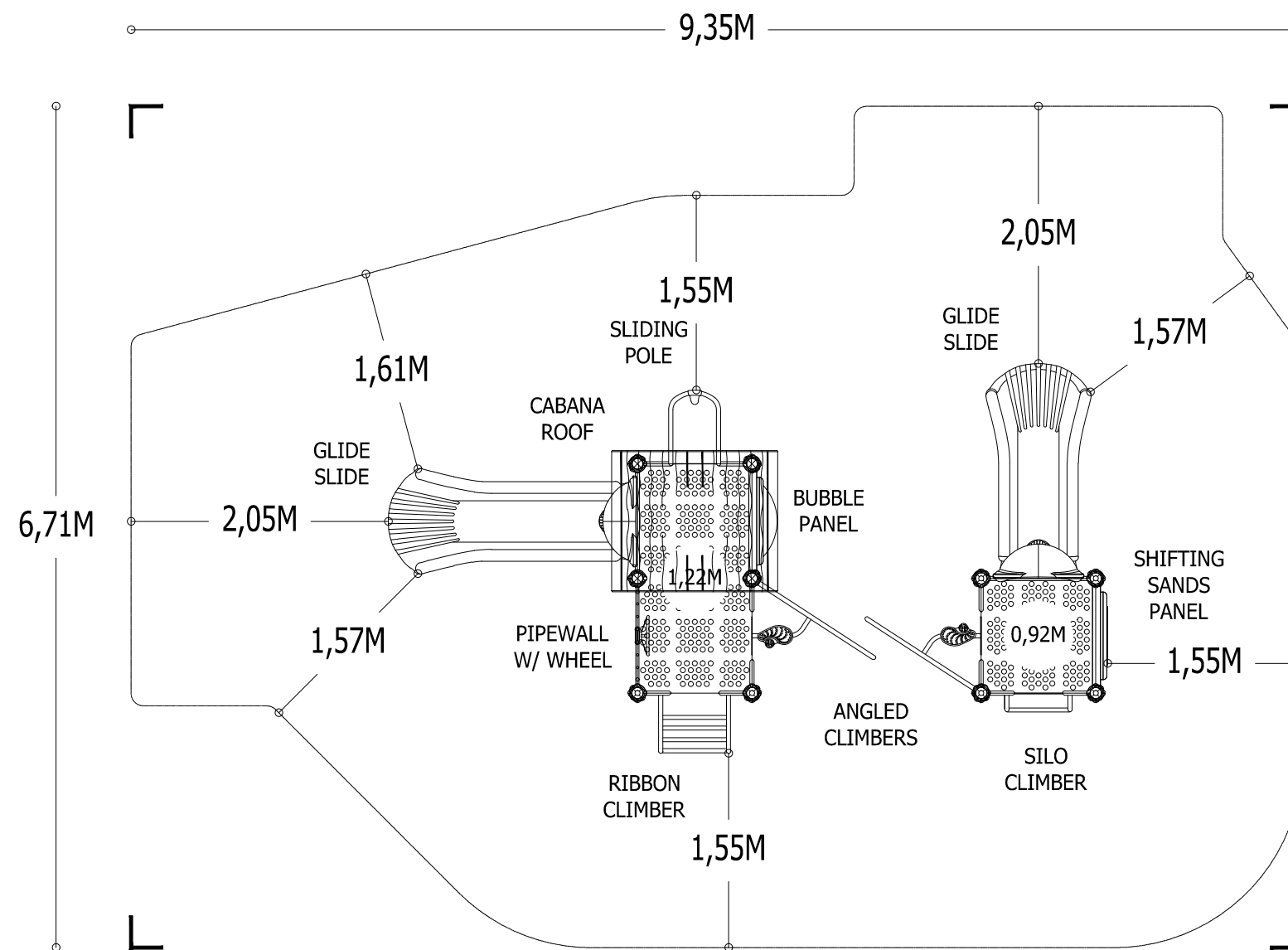
SCALE:
1:50

DRAWN BY:
I. PERKINS

Paper Size

DATE:
04-FEB-16

A3



*PLAYGROUND SUPERVISION REQUIRED

IPL-1431
 CATALOG PRE-DESIGN

IPL-1431B

Design Number: IPL-1431B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	3
2	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	2
3	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	1
4	ZZCH0069	3.5in OD x 184in STEEL POST W/O CAP	4
Decks & Kick Plates			
5	ZZCH0616	SQUARE COATED DECK ASSEMBLY	1
6	ZZCH0629	LONG COATED DECK ASSEMBLY	1
Slides			
7	ZZCH3126	GLIDE SLIDE (48in DECK)	1
8	ZZCH3127	GLIDE SLIDE (36in DECK)	1
9	ZZCH8070	SLIDING POLE (48in DECK)	1
Activity Panels			
10	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	2
11	ZZUN4299	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	1
12	ZZUN4796	OVAL BUBBLE PANEL INSERT	1
13	ZZUN4806	SHIFTING SANDS PANEL INSERT	1
Barriers			
14	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
Climbers			
15	ZZCH7179	ANGLED CLIMBER SMALL (36in DECK)	1
16	ZZCH7189	ANGLED CLIMBER LARGE (48in DECK)	1
17	ZZCH7949	SILO CLIMBER (36in DECK)	1
18	ZZCH8290	RIBBON CLIMBER (48in DECK)	1
Roofs & Arches			
19	ZZCH9846	CABANA ROOF	1
Additional Tool & Maintenance Kits			
20	ZZCHGUID	CHALLENGER GUIDELINES	1
21	ZZUN9910	SURFACING WARNING LABEL KIT	1
22	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
23	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
24	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
25	ZZXX0109	EN-1176 LABEL	1

IPL-1431B

Design Number: IPL-1431B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZCH0018	3	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	116.73			161	0	3.00	0.38	0
2	ZZCH0028	2	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	87.02			117	0	2.00	0.25	0
3	ZZCH0038	1	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	47.11			63	0	1.00	0.13	0
4	ZZCH0069	4	3.5in OD x 184in STEEL POST W/O CAP	Certified	226.84			292	0	4.00	0.50	0
5	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
6	ZZCH0629	1	LONG COATED DECK ASSEMBLY	Certified	107.02			318	6	1.00	0.00	0
7	ZZCH3126	1	GLIDE SLIDE (48in DECK)	Certified	119.73			492	3	2.00	0.03	1
8	ZZCH3127	1	GLIDE SLIDE (36in DECK)	Certified	99.73			374	3	2.00	0.03	1
9	ZZCH8070	1	SLIDING POLE (48in DECK)	Certified	56.43			156	1	1.50	0.03	1
10	ZZCH4807	2	OVAL INSERT PANEL (DECK MOUNT)	Certified	56.32			421	0	1.00	0.00	0
11	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	Certified	5.29			27	1	0.25	0.00	1
12	ZZUN4796	1	OVAL BUBBLE PANEL INSERT	Certified	5.87			114	1	0.50	0.00	1
13	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	Certified	22.97			256	1	0.50	0.00	1
14	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74			71	0	0.50	0.00	0
15	ZZCH7179	1	ANGLED CLIMBER SMALL (36in DECK)	Certified	54.41			169	2	1.00	0.00	1
16	ZZCH7189	1	ANGLED CLIMBER LARGE (48in DECK)	Certified	57.91			174	2	1.00	0.00	1
17	ZZCH7949	1	SILO CLIMBER (36in DECK)	Certified	70.33			129	1	1.50	0.06	1
18	ZZCH8290	1	RIBBON CLIMBER (48in DECK)	Certified	38.72			110	2	1.50	0.06	1
19	ZZCH9846	1	CABANA ROOF	Certified	76.05			390	0	0.50	0.00	0
20	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
21	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
22	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
23	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				



IPL-1431B

Design Number: IPL-1431B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
24	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
25	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
Totals:					1,336.65	175	360	4,266	26	26.75	1.46	10
					601.49 Kg	79 Kg	162 Kg	4 Metric Tons				1.11 m3



IPL-1431B

Design Number: IPL-1431B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
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EN1176:2008

This custom structure, drawing number IPL-1431B, has been designed to meet the general safety requirements of EN1176:2008. These requirements have been established with the consideration of the risk factor on available data. The items listed as certified have been reviewed and approved by a third party certification service. In addition to the product listing the overall layout and design of this structure, as shown in the plan, was completed in accordance with the general safety requirements of EN1176:2008.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [E.g. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.

** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.

