

Play Fundamentals

International Collection

Equipment Manufacturer



IPL-1407

AGES: 3-14

PLAY EVENTS: 9

USE ZONES: 9,04m x 6,71m

WEIGHT: 391 kg

SIZE: 4,60m x 3,13m x 2,55m

CAPACITY: 19

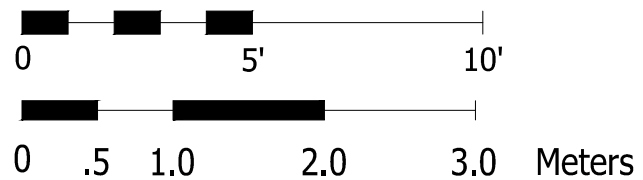
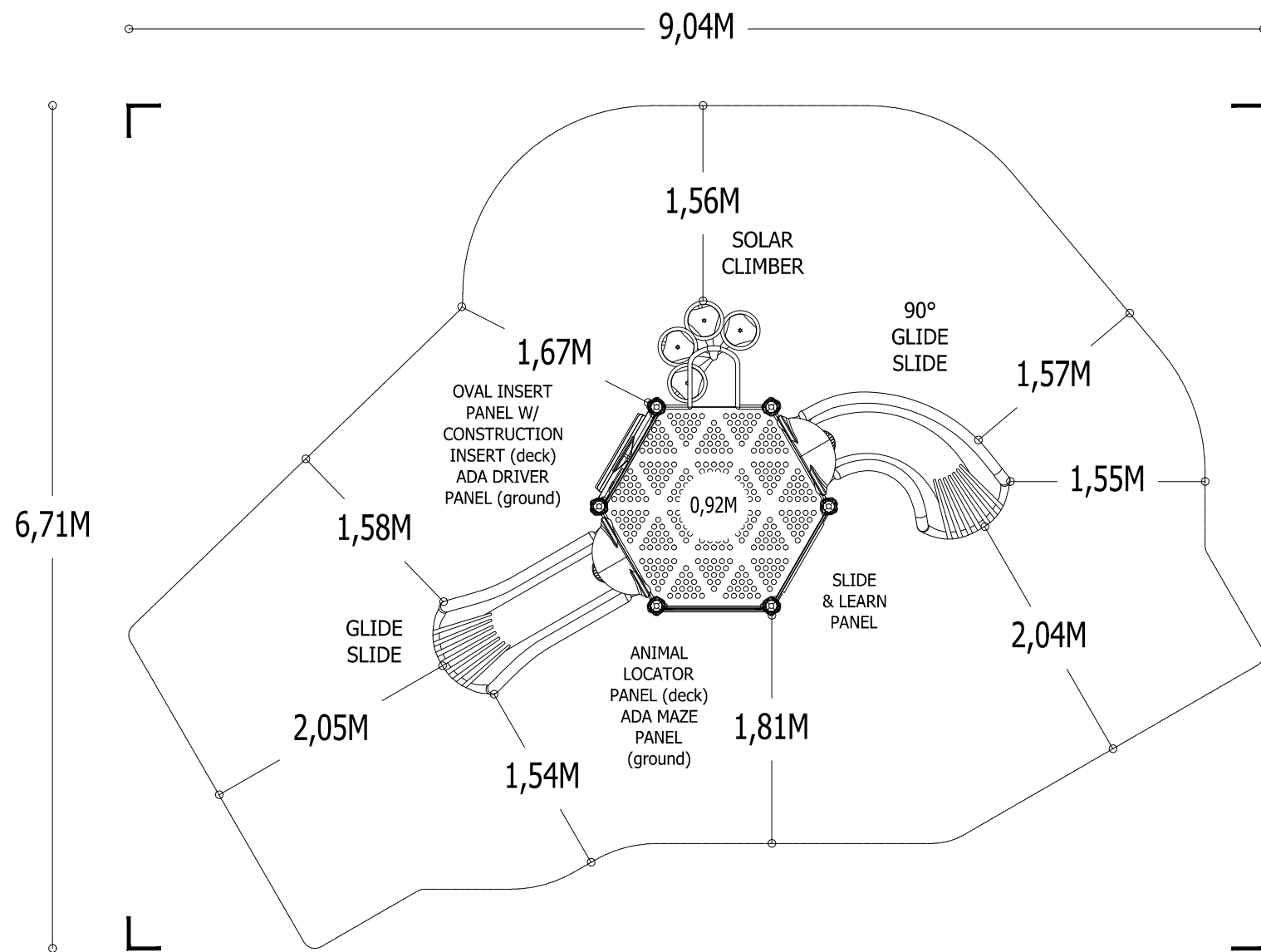
TO INSTALL: 17.50 hours



FRONT



BACK



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

EQUIPMENT SIZE:
4,6 x 3,13M x 2,55M

USE ZONE:
9,04M x 6,71M

AREA: **39,26M²** PERIMETER: **24,79M**

FALL HEIGHT:
0,92M

USER CAPACITY: **18** AGE GROUP: **3-14**

EN-1176

PROJECT NO:
IPL-1407B

SCALE:
1:50

DRAWN BY:
I. PERKINS

Paper Size

DATE:
02-FEB-16

A3

*PLAYGROUND SUPERVISION REQUIRED

IPL-1407
 CATALOG PRE-DESIGN

IPL-1407A

Design Number: IPL-1407B - Bill Of Material

| Ref. No. | Part No. | Description | Quantity |
|---|-----------------|---|-----------------|
| Posts | | | |
| 1 | ZZCH0018 | 3.5in OD x 124in STEEL POST W/RIVETED CAP | 6 |
| Decks & Kick Plates | | | |
| 2 | zzCH0619 | FULL HEX COATED DECK ASSEMBLY | 1 |
| Slides | | | |
| 3 | ZZCH3127 | GLIDE SLIDE (36in DECK) | 1 |
| 4 | ZZCH3129 | 90 DEGREE GLIDE SLIDE (36in DECK) | 1 |
| Activity Panels | | | |
| 5 | ZZCH4328 | ANIMAL LOCATOR PANEL | 1 |
| 6 | ZZCH4396 | ACCESSIBLE MAZE PANEL | 1 |
| 7 | ZZCH4406 | ACCESSIBLE DRIVING PANEL | 1 |
| 8 | ZZCH4446 | SLIDE-N-LEARN PANEL | 1 |
| 9 | ZZCH4807 | OVAL INSERT PANEL (DECK MOUNT) | 1 |
| 10 | ZZUN4793 | CONSTRUCTION PANEL INSERT | 1 |
| Climbers | | | |
| 11 | ZZCH7657 | SOLAR CLIMBER (36in & 30in DECK) | 1 |
| Additional Tool & Maintenance Kits | | | |
| 12 | ZZCHGUID | CHALLENGER GUIDELINES | 1 |
| 13 | ZZUN9910 | SURFACING WARNING LABEL KIT | 1 |
| 14 | ZZUN9935 | PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL | 1 |
| 15 | ZZUN9995 | TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL | 1 |
| 16 | ZZXX0049 | EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT) | 1 |
| 17 | ZZXX0109 | EN-1176 LABEL | 1 |

IPL-1407A

Post/Installation: Steel-Footed

Design Number: IPL-1407B - Pricing Schedule
2016 Pricing

| Ref. No. | Part No. | Qty. | Description | Unit Weight (lbs) | Unit List (US\$) | Total Weight (lbs) | Total List (US\$) |
|---|----------|------|---|-------------------|------------------|--------------------|-------------------|
| Modular Playscape: | | | | | | | |
| Posts | | | | | | | |
| 1 | ZZCH0018 | 6 | 3.5in OD x 124in STEEL POST W/RIVETED CAP | 38.91 | 164.00 | 233.46 | 984.00 |
| Decks & Kick Plates | | | | | | | |
| 2 | zzCH0619 | 1 | FULL HEX COATED DECK ASSEMBLY | 151.26 | 1,687.00 | 151.26 | 1,687.00 |
| Slides | | | | | | | |
| 3 | ZZCH3127 | 1 | GLIDE SLIDE (36in DECK) | 99.73 | 1,004.00 | 99.73 | 1,004.00 |
| 4 | ZZCH3129 | 1 | 90 DEGREE GLIDE SLIDE (36in DECK) | 96.73 | 1,110.00 | 96.73 | 1,110.00 |
| Activity Panels | | | | | | | |
| 5 | ZZCH4328 | 1 | ANIMAL LOCATOR PANEL | 47.77 | 978.00 | 47.77 | 978.00 |
| 6 | ZZCH4396 | 1 | ACCESSIBLE MAZE PANEL | 17.9 | 551.00 | 17.90 | 551.00 |
| 7 | ZZCH4406 | 1 | ACCESSIBLE DRIVING PANEL | 24.07 | 639.00 | 24.07 | 639.00 |
| 8 | ZZCH4446 | 1 | SLIDE-N-LEARN PANEL | 57.8 | 1,113.00 | 57.80 | 1,113.00 |
| 9 | ZZCH4807 | 1 | OVAL INSERT PANEL (DECK MOUNT) | 28.16 | 530.00 | 28.16 | 530.00 |
| 10 | ZZUN4793 | 1 | CONSTRUCTION PANEL INSERT | 27.44 | 1,034.00 | 27.44 | 1,034.00 |
| Climbers | | | | | | | |
| 11 | ZZCH7657 | 1 | SOLAR CLIMBER (36in & 30in DECK) | 79.63 | 1,587.00 | 79.63 | 1,587.00 |
| Additional Tool & Maintenance Kits | | | | | | | |
| 12 | ZZCHGUID | 1 | CHALLENGER GUIDELINES | 0 | 0.00 | 0.00 | 0.00 |
| 13 | ZZUN9910 | 1 | SURFACING WARNING LABEL KIT | 0.05 | 0.00 | 0.05 | 0.00 |
| 14 | ZZUN9935 | 1 | PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL | 0 | 0.00 | 0.00 | 0.00 |
| 15 | ZZUN9995 | 1 | TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL | 0 | 0.00 | 0.00 | 0.00 |
| 16 | ZZXX0049 | 1 | EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT) | 4.51 | 0.00 | 4.51 | 0.00 |
| 17 | ZZXX0109 | 1 | EN-1176 LABEL | 0.01 | 0.00 | 0.01 | 0.00 |
| Total: | | | | | | 868.52 | 11,217.00 |
| Independent Items: | | | | | | | |
| Total: | | | | | | 0.00 | 0.00 |
| Grand Total: | | | | | | 868.52 | 11,217.00 |

Please Note:

1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.



IPL-1407A

Design Number: IPL-1407B - 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 | 6 | 3.5in OD x 124in STEEL POST W/RIVETED CAP | Certified | 233.46 | | | 323 | 0 | 6.00 | 0.75 | 0 |
| 2 | zzCH0619 | 1 | FULL HEX COATED DECK ASSEMBLY | Certified | 151.26 | | | 444 | 6 | 1.50 | 0.00 | 0 |
| 3 | ZZCH3127 | 1 | GLIDE SLIDE (36in DECK) | Certified | 99.73 | | | 374 | 3 | 2.00 | 0.03 | 1 |
| 4 | ZZCH3129 | 1 | 90 DEGREE GLIDE SLIDE (36in DECK) | Certified | 96.73 | | | 418 | 2 | 2.00 | 0.03 | 1 |
| 5 | ZZCH4328 | 1 | ANIMAL LOCATOR PANEL | Certified | 47.77 | | | 329 | 1 | 0.50 | 0.00 | 1 |
| 6 | ZZCH4396 | 1 | ACCESSIBLE MAZE PANEL | Certified | 17.90 | | | 158 | 1 | 0.50 | 0.00 | 1 |
| 7 | ZZCH4406 | 1 | ACCESSIBLE DRIVING PANEL | Certified | 24.07 | | | 202 | 1 | 0.50 | 0.00 | 1 |
| 8 | ZZCH4446 | 1 | SLIDE-N-LEARN PANEL | Certified | 57.80 | | | 516 | 1 | 1.00 | 0.00 | 1 |
| 9 | ZZCH4807 | 1 | OVAL INSERT PANEL (DECK MOUNT) | Certified | 28.16 | | | 211 | 0 | 0.50 | 0.00 | 0 |
| 10 | ZZUN4793 | 1 | CONSTRUCTION PANEL INSERT | Certified | 27.44 | | | 384 | 1 | 0.50 | 0.00 | 1 |
| 11 | ZZCH7657 | 1 | SOLAR CLIMBER (36in & 30in DECK) | Certified | 79.63 | | | 236 | 2 | 1.50 | 0.03 | 1 |
| 12 | ZZCHGUID | 1 | CHALLENGER GUIDELINES | N/A | 0.00 | | | 1 | 0 | 0.25 | 0.00 | 0 |
| 13 | ZZUN9910 | 1 | SURFACING WARNING LABEL KIT | N/A | 0.05 | | | 1 | 0 | 0.25 | 0.00 | 0 |
| 14 | ZZUN9935 | 1 | PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL | N/A | | | | 57 | | | | |
| 15 | ZZUN9995 | 1 | TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL | N/A | | | | 42 | | | | |
| 16 | ZZXX0049 | 1 | EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT) | Certified | 4.51 | | | 158 | 0 | 0.00 | 0.00 | 0 |
| 17 | ZZXX0109 | 1 | EN-1176 LABEL | Certified | 0.01 | | | 0 | 0 | 0.50 | 0.00 | 0 |
| Totals: | | | | | 868.52 | 129 | 184 | 3,852 | 18 | 17.50 | 0.84 | 8 |
| | | | | | 390.83 Kg | 58 Kg | 83 Kg | 4 Metric Tons | | | 0.64 m3 | |



IPL-1407A

Design Number: IPL-1407B - 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 |
|----------|----------|------|-------------|----------------|--------------------|-------------------------------------|-----------------------------|----------------------|-------|---------------|-----------------|--------------------|
|----------|----------|------|-------------|----------------|--------------------|-------------------------------------|-----------------------------|----------------------|-------|---------------|-----------------|--------------------|

EN1176:2008

This custom structure, drawing number IPL-1407B, 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.

