

500-0502

Design Number: 500-0502 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZPM0047	5in OD X 156in STEEL POST W/O CAP	4
Decks & Kick Plates			
2	ZZPM0616	SQUARE COATED DECK ASSEMBLY	1
Slides			
3	ZZPM3129	90 DEGREE GLIDE SLIDE (36in DECK)	1
Activity Panels			
4	ZZPM4357	PIPEWALL WITH LOWER TELESCOPE	1
Climbers			
5	ZZPM7179	ANGLED CLIMBER SMALL (36in DECK)	1
Roofs & Arches			
6	ZZPM9846	CABANA ROOF	1
Stairs and Ladders			
7	ZZPM9158	COATED STAIRS (36in DECK)	1



500-0502

Post/Installation: Steel-Footed

Design Number: 500-0502 - Pricing Schedule
2009 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
Modular Playscape:							
Posts							
1	ZZPM0047	4	5in OD X 156in STEEL POST W/O CAP	85.31	242.00	341.24	968.00
Decks & Kick Plates							
2	ZZPM0616	1	SQUARE COATED DECK ASSEMBLY	90.36	938.00	90.36	938.00
Slides							
3	ZZPM3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	108.54	959.00	108.54	959.00
Activity Panels							
4	ZZPM4357	1	PIPEWALL WITH LOWER TELESCOPE	43.55	610.00	43.55	610.00
Climbers							
5	ZZPM7179	1	ANGLED CLIMBER SMALL (36in DECK)	73.03	633.00	73.03	633.00
Roofs & Arches							
6	ZZPM9846	1	CABANA ROOF	123.05	840.00	123.05	840.00
Stairs and Ladders							
7	ZZPM9158	1	COATED STAIRS (36in DECK)	110.68	980.00	110.68	980.00
Total:						890.45	5,928.00
Independent Items:							
1	ZZXX0018	1	PLAYWEB - SMALL UNIT	506.39	14,999.00	506.39	14,999.00
2	ZZXX1462	6	6ft CONTOUR BENCH (INGROUND MOUNT)	116.21	999.00	697.26	5,994.00
3	ZZXX0260	4	BELT SEAT W/GALV CHAIN FOR 8ft TOP RAIL	8.37	89.00	33.48	356.00
4	ZZXX0288	1	3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL	293.51	1,183.00	293.51	1,183.00
5	ZZXX0375	1	3-1/2in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	179.11	740.00	179.11	740.00
Total:						1,709.75	23,272.00
Grand Total:						2,600.20	29,200.00

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 'Catalog Items Included in the Site Drawing' must be listed on your purchase order separately to be included.



500-0502

Design Number: 500-0502 - Compliance and Technical Data

Reference Document: ASTM F1487-07

Ref. No.	Part No.	Qty.	Description	Unit ASTM 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	ZZXX0018	1	PLAYWEB - SMALL UNIT	Certified	506.39			13,316	10	12	0	1
2	ZZXX0260	4	BELT SEAT W/GALV CHAIN FOR 8ft TOP RAIL	Certified	33.48			281	0	1	0	0
3	ZZXX0288	1	3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL	Certified	293.51			846	2	3	0.52	2
4	ZZXX0375	1	3-1/2in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	Certified	179.11			539	2	2	0.52	2
5	ZZXX1462	6	6ft CONTOUR BENCH (INGROUND MOUNT)	N/A	697.26			5,342	0	9	1.68	0
6	ZZPM0047	4	5in OD X 156in STEEL POST W/O CAP	Certified	341.24			778	0	4	0.52	0
7	ZZPM0616	1	SQUARE COATED DECK ASSEMBLY	Certified	90.36			237	4	1	0	0
8	ZZPM3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	Certified	108.54			501	2	2	0.03	1
9	ZZPM4357	1	PIPEWALL WITH LOWER TELESCOPE	Certified	43.55			179	1	0.5	0	1
10	ZZPM7179	1	ANGLED CLIMBER SMALL (36in DECK)	Certified	73.03			249	2	1	0	1
11	ZZPM9846	1	CABANA ROOF	Certified	123.05			591	0	0.5	0	0
12	ZZPM9158	1	COATED STAIRS (36in DECK)	Certified	110.68			349	1	2	0.06	0
Totals:					2,600.20	114	800	23,210	24	38.00	3.33	8
23 Metric Tons												



500-0502

Design Number: 500-0502 - Compliance and Technical Data

Reference Document: ASTM F1487-07

Ref. No.	Part No.	Qty.	Description	Unit ASTM 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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ASTM F1487-07

The lay-out for this custom playscape, design number 500-0502, has been configured to meet the requirements of the ASTM F1487-07 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487-07 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, www.ipema.org. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

Americans with Disabilities Act Accessibility Guidelines (ADAAG)

The lay-out was also designed to meet the ADAAG published 23-July-2004, by the United States Access Board who installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.

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. [Eg. 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.



500-0502

Design Number: 500-0502 - Compliance and Technical Data

Reference Document: CAN/CSA-Z614-07

Ref. No.	Part No.	Qty.	Description	Unit CSA 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	ZZXX0018	1	PLAYWEB - SMALL UNIT	Certified	506.39			13,316	10	12	0	1
2	ZZXX0260	4	BELT SEAT W/GALV CHAIN FOR 8ft TOP RAIL	Certified	33.48			281	0	1	0	0
3	ZZXX0288	1	3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL	Certified	293.51			846	2	3	0.52	2
4	ZZXX0375	1	3-1/2in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	Certified	179.11			539	2	2	0.52	2
5	ZZXX1462	6	6ft CONTOUR BENCH (INGROUND MOUNT)	N/A	697.26			5,342	0	9	1.68	0
6	ZZPM0047	4	5in OD X 156in STEEL POST W/O CAP	Certified	341.24			778	0	4	0.52	0
7	ZZPM0616	1	SQUARE COATED DECK ASSEMBLY	Certified	90.36			237	4	1	0	0
8	ZZPM3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	Certified	108.54			501	2	2	0.03	1
9	ZZPM4357	1	PIPEWALL WITH LOWER TELESCOPE	Certified	43.55			179	1	0.5	0	1
10	ZZPM7179	1	ANGLED CLIMBER SMALL (36in DECK)	Certified	73.03			249	2	1	0	1
11	ZZPM9846	1	CABANA ROOF	Certified	123.05			591	0	0.5	0	0
12	ZZPM9158	1	COATED STAIRS (36in DECK)	N/A	110.68			349	1	2	0.06	0
Totals:					2,600.20	114	800	23,210	24	38.00	3.33	8
23 Metric Tons												



500-0502

Design Number: 500-0502 - Compliance and Technical Data

Reference Document: CAN/CSA-Z614-07

Ref. No.	Part No.	Qty.	Description	Unit CSA 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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CAN/CSA-Z614-07

The lay-out for this custom playscape, design number 500-0502, has been configured to meet the requirements of the CAN/CSA-Z614-07 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the CAN/CSA-Z614-07 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, www.ipema.org. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

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.]

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500-0502

Design Number: 500-0502 - Compliance and Technical Data

Reference Document: EN1176:1998

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	ZZXX0018	1	PLAYWEB - SMALL UNIT	Certified	506.39			13,316	10	12	0	1
2	ZZXX0260	4	BELT SEAT W/GALV CHAIN FOR 8ft TOP RAIL	N/A	33.48			281	0	1	0	0
3	ZZXX0288	1	3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL	Certified	293.51			846	2	3	0.52	2
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EN1176:1998

This custom structure, drawing number 500-0502, has been designed to meet the general safety requirements of EN1176:1998. 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 EN1176:1998.

Installation Times

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