

## Material & Product Details

**Steel** sections are all mild steel to the relevant BS EN steel standards

**Chains** are 8mm short link sherardised mild steel

**Fixings** are mostly BZP, high tensile steel, hex head bolts with washers and Nyloc nuts

### Coatings

All steel equipment made by Play & Leisure is shotblasted to SA 2.5 before a 60-micron thick epoxy-based zinc phosphate primer is applied and finally a 70 micron thick coating of polyester powder.



All Play & Leisure Ltd's equipment & surfacing complies to BS EN 1176 parts 1-10, BS EN 1177 and BS EN 15312. Equipment is guaranteed for 30 years against structural failure.

Approx. Packaged Dims L x W x H (m)	Approx. Weight (kg)	Approx. Concrete Required (m <sup>3</sup> )	Approx Install Time
3.2 x 1.0 x 0.5	77	0.4	2 people @ 6 hours

## Installation Instructions

1. Excavate area for the surfacing as shown in figure 1
2. Excavate holes for ground fixing as per figure 2, legs into the excavated holes, ensuring outside edge indicators are facing away from the swing bay
3. Pour in approx 0.5m<sup>3</sup> (across the 2 excavated holes) low slump concrete and vibrate down with vibrating poker, check levels again before allowing concrete to cure.
4. Leave for 7 days before fitting ropes and seat to ensure concrete is fully cured

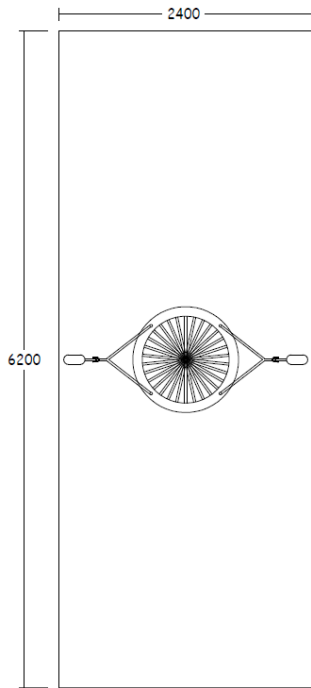
***Do not leave unattended until satisfied the concrete has cured or the site is secure.***

## Return Visit

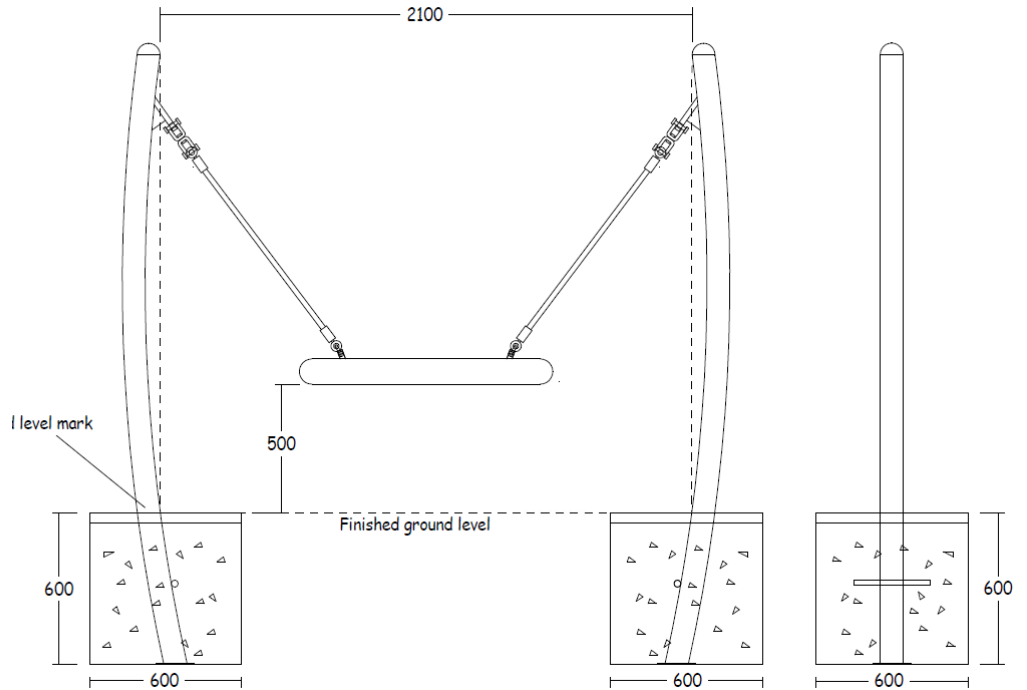
It is advised at this stage that the M12 Oilite bushing (P) is inserted into the anti wrap triangular bracket (M), however please take note of the order the shackles are assembled before disassembly, and ensure the oilite bearing stays located until it is mechanically fixed in place.

1. Attach anti wrap bearing brackets to the located nylon sleeves as shown in figure 5. Ensure anti wrap fixings are tightened, but allow the brackets to move freely in both axis of operation.
2. Attach swing chain to anti wrap bracket using 'D' shackles (R) as per figure 5, ensuring fittings are in the same order as they come pre assembled. Do not over tighten shackles, ensuring they move freely when tightened.
3. Ensure all fastenings are tightened and swing is fully operational, with a minimum ground clearance of 350mm at rest (no maximum seat to surface height is specified)

Surfacing Plan (fig. 1)



Foundation Details (fig. 2)

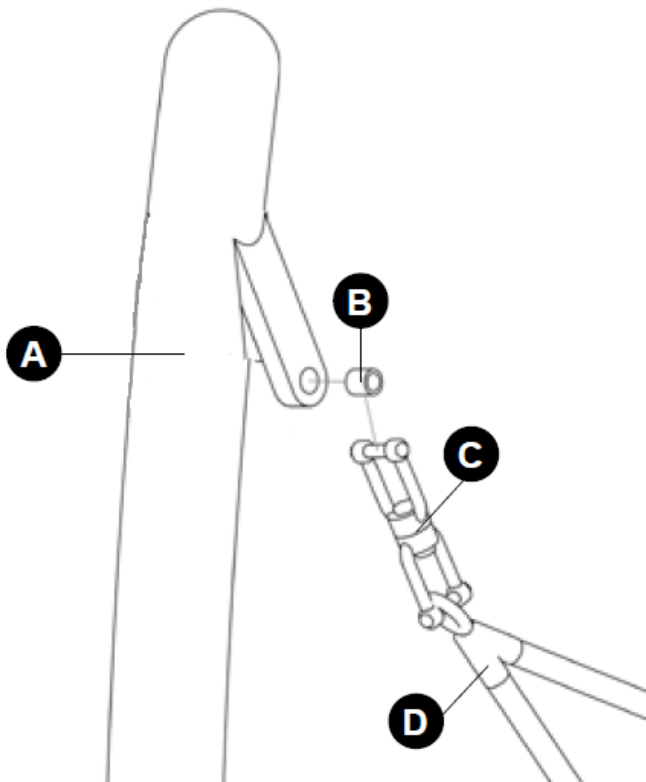


Surfacing Required (m<sup>2</sup>)

14.5

Critical Fall Height (m)

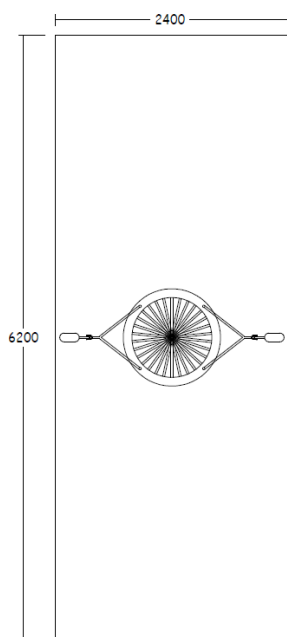
1.5



Ref	Part Description	Part No.	Qty
A	Leg		2
B	M14 Oilite Bush	9210	2
C	Mini Basket Swing Shackle	9200	2
D	Mini Basket Rope Set with Basket	9143 & 9047	1




 All Play & Leisure's product range is fully compliant with **BS EN 1176**



**Plan View**

### Technical Information

<b>Product Code</b>	SW21
<b>Minimum Space (mm)</b>	6200 x 2400
<b>Free Height of Fall (mm)</b>	1500
<b>Safety Surface Area</b>	14.5m <sup>2</sup>
<b>User Age Range</b>	1+ Years



*There shall be an additional area with a length of 0.5m in the swing direction (front and back) free from obstacles*

# Play & Leisure Ltd

## Maintenance Schedule

### **Maintenance & Inspection**

All Play & Leisure's products should be inspected and maintained in accordance with the recommendations as detailed in BS EN 1176-7:2008

If any part of the equipment is found to be unsafe during an inspection and cannot be immediately rectified the equipment should be protected against further use.

### **Routine Visual Inspection.**

Routine visual inspections are to be conducted to identify obvious hazards resulting from vandalism, use or weather conditions. e.g. Hazards such as broken parts or broken bottles.

### **Operational Inspection.**

To reduce accidents the operator should ensure an appropriate routine maintenance schedule is established, implemented and maintained. Inspection shall be carried out on a monthly basis, although consideration should be taken regarding local conditions and usage.

During a operational inspection the following should be included:

- Tightening of fastenings.
- Re-painting and re-treatment of surfaces.
- Maintenance of any impact attenuating surfaces.
- Lubrication of bearings.
- Marking of equipment to signify loose fill finished surface levels.
- Cleaning.
- Removal of broken glass and other debris or contaminants.
- Restoring loose fills to the correct level.
- Maintenance of free space areas.

### **Annual Main Inspection (NOT EXCEEDING 12 MONTHS)**

Inspection intended to establish the overall level of safety of equipment, foundation and playing surfaces.

- Effects of weather.
- Rotting or corrosion.
- A change in the level of safety of the equipment as a result of repairs made, or of added or replaced components

### **One Post Equipment Maintenance.**

Special attention should be paid to the stability of products being of a one post design.

### **Corrective Maintenance.**

Corrective maintenance should include measures to correct defects, or to establish the necessary levels of safety of the playground equipment and surfaces. Such measures should include:

- Replacement of fastenings.
- Welding or welding repairs.
- Replacement of worn or defective parts.
- Replacement of defective structural components.

### **Equipment Alterations.**

Alterations to parts of any products that could affect the essential safety of the equipment should only be carried out after consultation with Play and Leisure.

### **Equipment Identification**

Information regarding the manufacturer, I.D. Number, year of manufacturer and the European Standard is displayed on an identification plaque.