



Ensure critical fall height is checked against BS EN 1176 and that equipment is always installed with a suitable impact absorbing surfacing in-line with BS EN 1177

The 1.5m distance recommended to a fence in the direction of swinging motion is measured from edge of minimum use zone so distance can include the 500mm obstacle free space

Double Cradle Swing-SF - Minimum Use Zone

Scale - 1 : 25

Calculating swing falling space for synthetic surfacing: $\text{Swing Suspension length} \times 0.867 + 1750\text{mm} = \text{Fall space distance from center line of swing.}$
 Result of Swing Suspension length $\times 0.867$ is rounded up to 1600mm.

Note: The design is intended for synthetic surfaces

Note: if fencing to be used in close proximity or to enclose the swing unit, fencing should be a minimum of 1.5m from the side of the swing seat and a 1.5m from the end of the minimum use zone in the direction of swing subject to risk assessment.

<p>General Notes:</p> <p>All dimensions are to be checked on site with allowances for variations due to normal manufacturing tolerance. Drawing errors or omissions are to be reported and checked with the Design Office.</p> <p>Where items are drawn as assemblies these items must be trial assembled in workshop by manufacturer to ensure correct fit. None of the work content shown in this drawing for any company may proceed until approved copies are distributed and clearly marked "ISSUED FOR CONSTRUCTION"</p> <p>This drawing is copyright and no portion should be copied or reproduced without the consent of Broxap Limited.</p>					<p>a Broxap Company Unit 1 Bordon Trading Estate, Old Station Way, Bordon, Hampshire, GU35 9HH Tel: +44 (0) 1420 474111 Fax: +44(0) 1420 474222</p>		<p>Client/Product Code: BX/HMP3 100035-SF</p>		<p>Drawing Status: CONSTRUCTION ISSUE</p>											
<p>Fabrication Tolerances</p> <p>0mm - 1000mm = +/- 1.0mm 1001mm - 2500mm = +/- 1.5mm 2501mm - 5000mm = +/- 2.0mm 5001mm - 10000mm = +/- 2.5mm Unless stated otherwise</p>					<p>Date: 05/05/2021</p> <p>Scale: 1 : 25 @ A3</p>		<p>Project/Product Name: Double Cradle Swing (HMP3)</p>		<p>Drawing Title : Double Cradle Swing - Minimum Use Zone</p>											
<p>Revision History</p> <table border="1"> <thead> <tr> <th>Rev</th> <th>Description</th> <th>Drawn</th> <th>Checked</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Checked And Issued For Construction</td> <td>MIL</td> <td>ALM</td> <td>03/12/2021</td> </tr> </tbody> </table>					Rev	Description	Drawn	Checked	Date	A	Checked And Issued For Construction	MIL	ALM	03/12/2021	<p>Pre Vault Drawing Number: N/A</p>		<p>Drawing No : 100035-35-3.001</p> <p>Rev. No : A</p>		<p>Broxap Order No :</p>	
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