



"KENGURU PRO" LTD

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OC-002

Kenguru inclined beams



The construction consists of three parallel beams. The structure of each beam consists of two vertical columns and a stainless teel frame with an HPL cover which form an inclined structure at an angle of 20°. Complex height is 364 mm on one side and 1214 mm on the other side. Beam size 2500x150mm. Weight 96,0 kg

Installation instructions:

- Choose a suitable underground for the unit (see page 2, table 2)!
- Prepare the construction pit with a drilling machine or other devices.
- Before pouring the concrete all structures elements must be leveled and fixed.
- Complex elements must be fixed and bolted together with metal clamps.
- Ready-made C25 concrete should be used.
- Crossbars installation height can be changed according to customer's wishes.
- Approximately 0,15m³ concrete is needed for each spot foundation.
- Under the structures we recommend to install absorbing rubber cover.

The size of the hole for the foundation is depending on the consistency of the ground. The dimensions mentioned above are applicable for normal conditions with firm ground. If the ground is extremely soft, a much bigger foundation is needed. Use only appropriate material and follow the installation instructions closely!!!

Foundation plan and area of movement of the OC-002 Kenguru obstacle beams				Technical information		
Foundation when using Shock absorbing underground (syntethic – rubber granulates)		Beveling of foundation when using loose filling material		width: height: lenght:	2398 mm 1214 mm 3150 mm	
Н3	Drop height	Н3	Drop height	largest part:	2500 mm	
40 mm	> 1.21.4 m	20 cm	< 1.0 m	weight:	96 kg	
50 mm	> 1.51.7 m	30 cm	< 2.0 m	floor space required	6150 x 5398 mm	
60 mm	> 1.82.0 m	40 cm	< 3.0 m	pipe measurements:	diameter:	wall thickness:
70 mm	> 2.12.5 m				108 mm	3.2 mm
			T.M	Columns Ø108:	anodized profiled aluminium tube AW6060 powder coated RAL 9006 (White aluminium)	
surface leveling mark	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	surface leveling mark loose filling material R200	7000	Elements 2500x150:	stainless steel AISI 304, brushed surface	
shock absorbing				Top cover specification:	13mm HPL cover	
onderground				Bolts:	stainless steel, Pin Hex Button Head Security bolts M10	
aluminium tube concrete	500	aluminium tube concrete	±1	max. free fall height:	< 1214 mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
<u> </u>	300	<u> </u>	500	user height:	> 140 cm	
				maximum user weight:	130 kg	