



FIXING INSTRUCTIONS
THE CONDITIONS BELOW SHOULD BE PREPARED DURING CONSTRUCTION

REINFORCEMENT / INSTALLATION BEAMS TYPICALLY 200 X 120 X 6.3MM, BUT CAN BE MANUFACTURED TO SUIT, DEPENDING ON THE DISTANCE BETWEEN FIXING POINTS). BEAMS SHALL BE HORIZONTAL BOTH IN LENGTH AND WIDTH OF THE HALL.

IF SUITABLE FIXING POSITIONS ARE ALREADY AVAILABLE, SUCH AS A HORIZONTAL CEILING FROM A STEEL TRUSS OR CONCRETE RAIL, THE PRODUCT CAN BE INSTALLED DIRECT UNDER THE CEILING WITHOUT THE NEED FOR AN EXTRA BEAM.

LOAD VALUES FOR LINTELS

0: CENTRE POINT LOAD, L: TOTAL LENGTH OF BEAM, F₀: MAXIMUM LOAD CAPACITY ON BEAM ATTACHMENT, F₁: MAXIMUM LONGITUDINAL LOAD ON THE BEAM, F₂: MAXIMUM LOAD ON THE BEAM TRANSVERSE, I: MAXIMUM ALLOWABLE DEFLECTION.



0	L	F ₀	F ₁	F ₂	t max
7000N	5000	5000N	2000N	2000N	15
8000N	6000	6000N	2500N	2500N	15
9000N	7000	8000N	3000N	3000N	15

LOAD VALUES ARE FOR MAXIMUM OF PERPENDICULAR RAIL. THE BEAM'S OWN WEIGHT IS INCLUDED IN LOAD CALCULATIONS.

FREE ZONE FOR ROOF / WALL
NO OBSTRUCTIONS IN THE MARKED ZONE, SUCH AS LIGHTING EQUIPMENT, HEATING STRIPS, VENTS, CABLES, ETC. PASS FROM FINISHED FLOOR LEVEL TO 50MM OF LINTELS.

ALL NECESSARY SECONDARY STEELWORK TO BE PROVIDED BY THE CLIENT / CONTRACTOR.



Please note:
This drawing is intended as a guide only. Sport Alpha UK should be consulted to approve any fixing provisions prior to installation. Please note that non-standard fixings which require specialised fixing or additional drilling, etc. may incur additional charges. If in doubt, contact us.

Rev.	Description:	Date:	By:

Drawing Name:	
GYM-ROP-TRACK-8 Ceiling Mounted Rope Trackway c/w 8No. Ropes	
Drawn By:	MS
Date:	16-12-11
Checked By:	GLK
Scale:	1/75 @ A3
Sport Alpha UK Ltd Unit 5, Burnbank Business Units Souter Head Road Aldens Industrial Estate Aberdeen AB12 3LF	
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