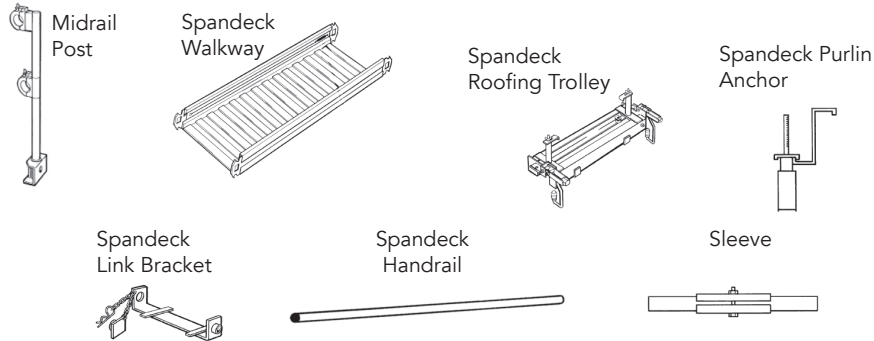
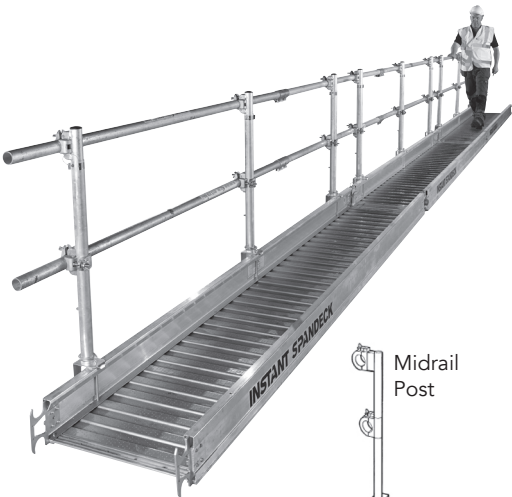


SPANDECK User Guide

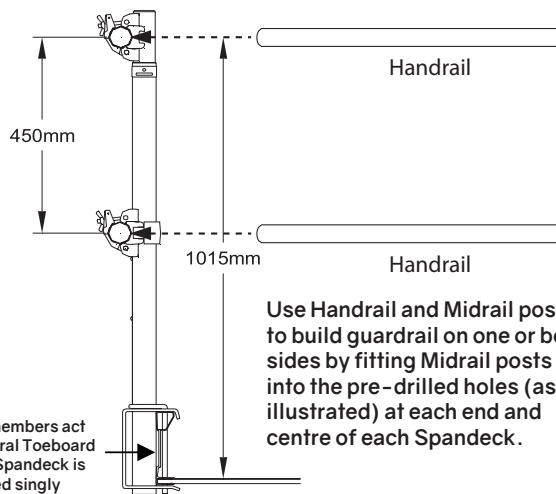
Spandeck is a lightweight aluminium walkway bridge, work platform and staging system in one versatile unit for indoor and outdoor locations.

High strength aluminium alloy construction ensures that Spandeck is lightweight and maintenance free whilst integral toeboards enable it to be used safely as a walkway. Guardrail posts and guardrails are fitted to provide a safe working environment. Before using the below Safe Working Load's, check that the support structure can safely carry these loads.

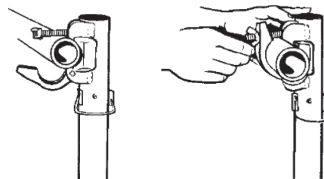
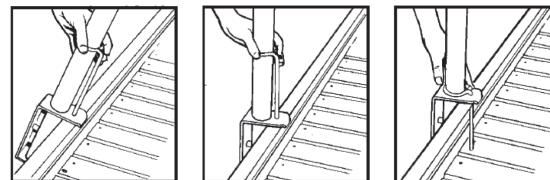


Description	Deck Length	Width	Weight	Safe working load
Spandeck Walkway	3.7m (12')	600mm	30kg	900kg Distributed
Spandeck Walkway	5.0m (16')	600mm	39kg	675kg Distributed
Spandeck Walkway	5.5m (18')	600mm	43kg	600kg Distributed
Spandeck Walkway	6.1m (20')	600mm	47kg	540kg Distributed
Spandeck Walkway	7.3m (24')	600mm	55kg	450kg Distributed
Handrail	-	-	5.0kg	-
Midrail Post	-	-	5.0kg	-
Link Bracket	-	-	5.0kg	-
Purlin Anchor	-	-	2.0kg	-
Roofing Trolley	-	-	8.6kg	-
Double Handrail (various lengths to suit Spandeck)	-	-	-	-

Midrail Posts

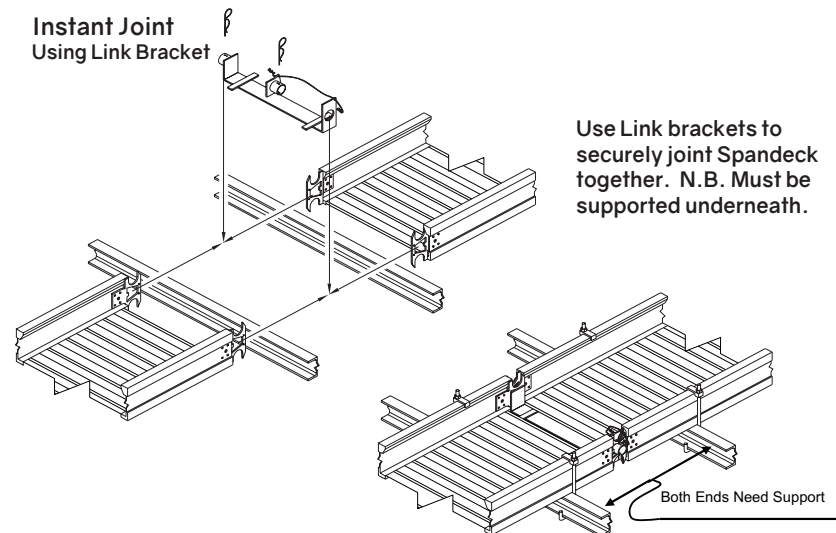


Use Handrail and Midrail posts to build guardrail on one or both sides by fitting Midrail posts into the pre-drilled holes (as illustrated) at each end and centre of each Spandeck.



The Handrail tube fits through the eyelet at the top and centre of each Midrail post. Any sleeves provided will join individual tube together if necessary.

Link Brackets



Installation of Roof Trolleys

Spandek roofing trolleys have been designed to suit different types of applications. It is important to check that the units supplied are suitable for the use and situation for which they are intended.

Each Spandek to be supported by two trolleys as near to the end of the Spandek as possible.

1. Holding the roofing trolley at an angle of 30 degrees, allow the locator tabs (1), to fit beneath the upper lip of the purlin. Once in position, lower the assembly to allow the top roller assembly (2) to rest on the top face of the purlin.
2. Swing down the locking hooks (3) so that they grip the underside of the top of the purlin, and tighten them to prevent movement of the roof roller assembly or apply brake if type B.
3. Position Spandeks between the locking clamps (4) with the toeboard sides uppermost, and secure. Attach lanyard to horizontal safety line if fitted.
4. Fit Spandek guardrail posts as handrails as illustrated. Horizontal guardrails must be fitted on the inside of the guardrail post.
- 4a. Ensure securing pin is fully engaged.
5. To move the Spandek roofing trolley to the next location, slacken the locking hooks (3) whilst standing on the Spandek staging.

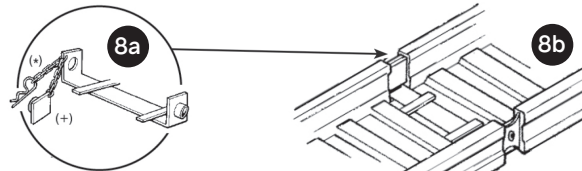
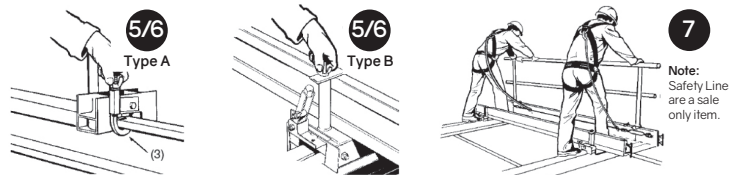
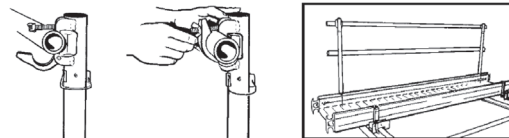
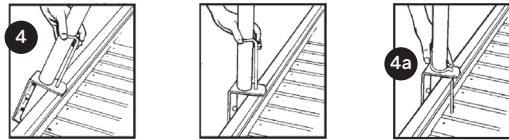
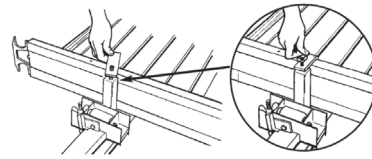
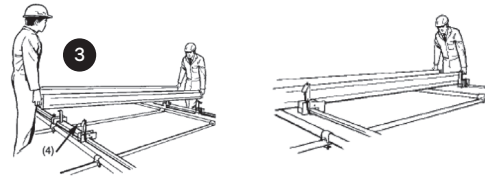
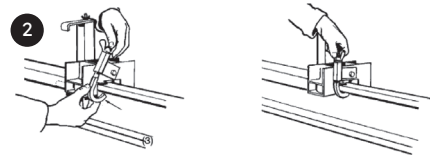
Then with one foot on the staging and both hands holding handrail tube, push assembly along the purlins using other foot. If trailing edge system is fitted remove brakes and pushed assembly to the desired location.

Where possible, it is advisable for two operatives to push the assembly, one at each end of the Spandek run. In the case of multiple lengths of Spandek, three operatives with one pushing in the centre is recommended.

6. Re-tighten locking hooks or apply brakes when desired location is reached.
7. The use of a safety harness is advised. The lanyard of the harness should be attached to the horizontal safety line in the base of the Spandek if fitted. (Safety Lines are a sale only item and do not come fitted as standard).

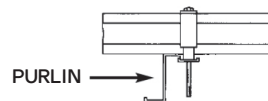
MULTIPLE LENGTHS

- 8a. When joining Spandek staging to create a run, only use a Spandek Link Bracket. Remove pin (*) from link brackets and remove locking mechanism (+). Insert link bracket between Spandeks and re-insert locking mechanism and pin.
- 8b. Where a Spandek link bracket is fitted, the roof roller should be fitted as near as possible to the joint.



USE OF SPANDECK WITH PURLIN ANCHORS

Four purlin anchors per Spandek to be used as near to the end of Spandek as possible.



General Safety Rules

Various designs of roofing trolley exist. It is important to check that the units to be used are suitable for the use and situation for which they are intended.

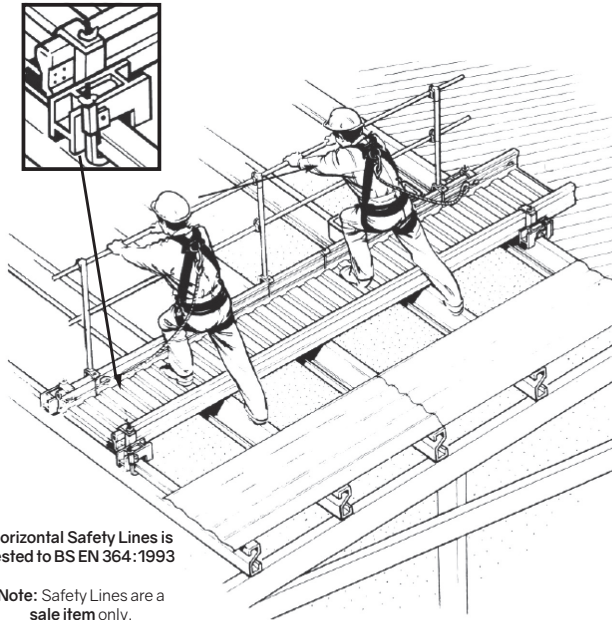
Prior to use the operator must satisfy himself that the working platform complies with all statutory regulations.

Spandek stagings have SW.L. of 800lbs (360kg) distributed. If used for work – the use of safety harnesses are advised, maximum safe working load of Spandek is 2 people. It is important to ensure that the structure of the roof can support this applied load, otherwise a lower load capacity should be specified.

Personnel involved with the erection and dismantling should do so in accordance with the Spandek user guide.

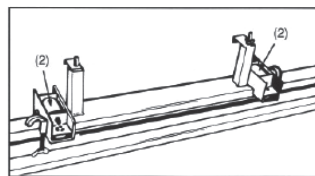
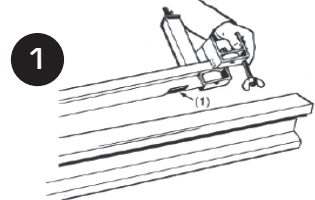
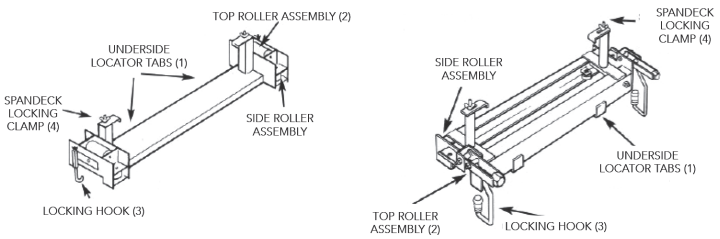
The use of a safety harness is advised. The lanyard of the harness should be attached to the horizontal safety line in the base of the Spandek, if fitted.

Provision must be made with regard to safety of others, as is recommended practice with overhead working, e.g. coned off areas below roof works with signs stating men working overhead.



Horizontal Safety Lines is tested to BS EN 364:1993

Note: Safety Lines are a sale item only,



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