

LAYERLOK

DOUBLE DECKING SOLUTIONS

LayerLok XP

LayerLok AF

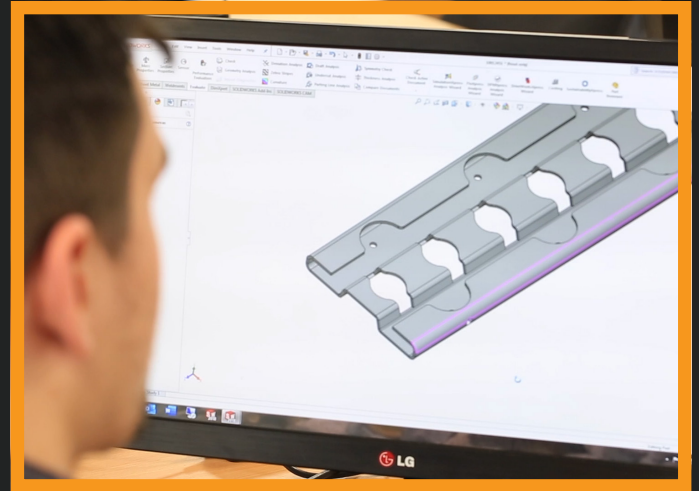
LayerLok SC

LOADLOK
CLEVER IN CARGO CONTROL

MEMBER OF  CARGO
CONTROL
COMPANY

LEADING CARGO CONTROL SOLUTIONS

Here in Hirwaun (Wales, UK), at the heart of our business, is where our world's leading cargo control solutions are designed, developed and manufactured. **True craftsmanship** combined with **state-of-the-art technologies**. Creating tailored solutions for customers for the ultimate efficient solution that fulfills their requirements.



STACK - WHAT YOU COULDN'T STACK BEFORE

A Double Decking solution is ideal in situations where cargo can't be piled on top of each other, e.g pallet with boxes. Creating a second deck enables you to use the complete capacity of the vehicle. Our solutions can be used even with mixed loading heights.



MAXIMIZE PAYLOAD

Maximize the space and payload of your trailer or vehicle with one of our Double Decking solutions. Solutions that excel in Durability, Flexibility and/or Efficiency across multiple types of vehicles.

LAYERLOK XP

Vehicles **dedicated for Double Decking transport** will benefit the most from LayerLok XP. The ultimate solution in durability, PIEK certified, lowest system weight and profile height.

LAYERLOK AF

Flexibility is a requirement? LayerLok AF gives **flexibility in load securing** equipment and configuration – without any compromise on performance!

LAYERLOK SC

LayerLok SC is our steel Double Decking solution, easy to mount by welding. The ideal solution for **SWAP bodies** and offers a low system weight for maximum payload.



LAYERLOK XP

EXTREMELY DURABLE & LIGHT

▶ **LIGHTEST DOUBLE DECKING SYSTEM**

▶ **ADJUSTABLE PITCH OF 21,5MM**

▶ **ULTRA LOW-PROFILE HEIGHT OF 9,5MM**

▶ **UP TO 1350KG DECKING BEAMS**

▶ **PIEK CERTIFIED**  **Piek**

▶ DELIVER CITY CENTRES DAY & NIGHT

Governments defined standards for noise emission during loading and unloading during nighttime deliveries (below < 60dB). With our PIEK certified system, deliveries can be done **24 hours a day in city centres!** PIEK certified products are recognized by the component certificate sticker with an unique registration number. The LayerLok XP Beam is available as option with PIEK certificate. Clever features were added to make this beam the **most silent solution** in double decking retail transport.

▶ HIGHEST PAYLOAD POSSIBLE

Maximize the space within your trailers - use every millimeter to the fullest! The fully recessed track offers the **lowest profile height** (9,5mm) available in the market, making this system suitable for a minimum vehicle wall thickness of 24mm of closed box or refrigerated trailers.

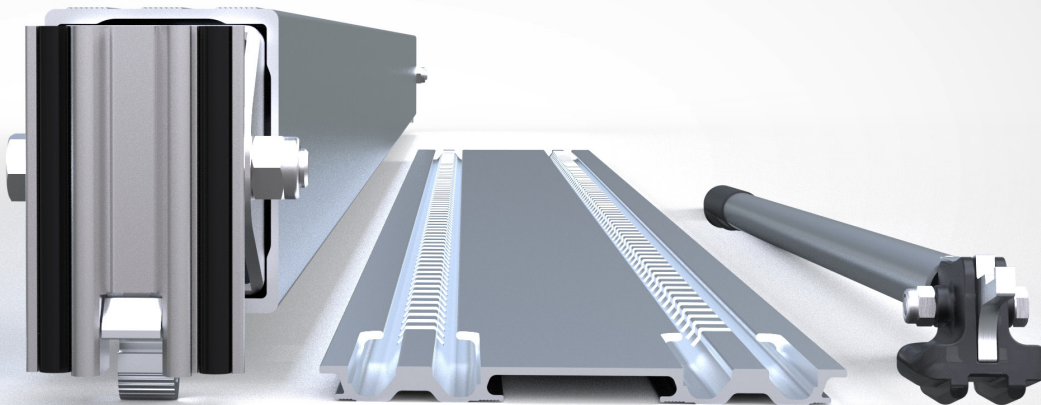
Combined with the **smallest adjustable pitch**, makes this the ultimate solution for transport companies that are keen to utilize the maximum payload possible.

▶ UNLIMITED CONFIGURATIONS

With track availability as Single and Double in Surface Mounted, Semi-Recessed and Fully Recessed configurations are endless. Connect the vertical with the horizontal tracks with our turntables to create a captive Double Decking or Load Securing system. A captive system **prevents equipment from getting lost or stolen**. Surface mounted tracks can also be retrofitted in any vehicle.

▶ NO WEAR & TEAR

As there is almost no friction between track and beam, wear & tear does not get any chance - providing maximum performance year over year. This is the most durable solution available, which has proven itself over 15 years in operation.

XP BEAM**XP TRACK****TRIGGER BAR****TRIGGER BAR****LAYERLOK
XP TRACKS**

	XP 5064 / 5066	XP 5065 / 5067	XP 5060 / 5062
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Type	Surface Mounted	Semi-Recessed	Fully-Recessed
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Material	Aluminium	Aluminium	Aluminium
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Weight (kg)	Length Dependant	Length Dependant	Length Dependant
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Fixing Hole \varnothing	Customisable	Customisable	Customisable
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Thickness Above Surface (mm)	10	3	0
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Length (mm)	Customisable	Customisable	Customisable
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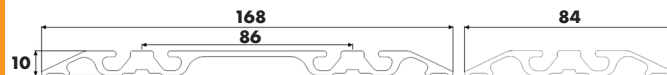
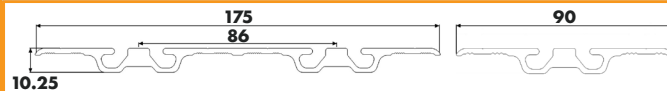
Profile Height (mm)	10	10.25	9.25
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Method of Installation	Bonded / Mechanically fastened		
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5064 TRACK**5065 TRACK****5060 TRACK****5066 TRACK****5067 TRACK****5062 TRACK**

LAYERLOK XP TRACKS

SURFACE MOUNTED**5064 DOUBLE****5066 SINGLE****SEMI-RECESSED****5065 DOUBLE****5067 SINGLE****FULLY-RECESSED****5060 DOUBLE****5062 SINGLE**

LAYERLOK XP BEAMS

XP 1843 PIEK / HEAVY DUTY (HD)**XP 1843 / HEAVY DUTY (HD)**

Type

PIEK

Standard

Material

Aluminium

Aluminium

Weight (kg)

6.6 / 8.2

6.5 / 8.1

Working Range (mm)

2410-2670

2410-2670

Load Capacity Decking (kg)

1000 / 1350

1000 / 1350

Load Capacity Shoring (kg)

900 / 1125

900 / 1125



DISCOVER LAYERLOK XP IN ANIMATION!



LAYERLOK AF

FLEXIBILITY MAXIMIZED

▶ **LIGHTEST AIRLINE SYSTEM**

Take flexibility of a Double Decking system to a whole another level. The LayerLok AF Double Decking system will help you to increase the volume from 33 pallets to 66 pallets by maximizing every millimeter of your closed box or refrigerated trailer. Our engineers have managed to make the LayerLok AF the lowest and lightest aluminum captive airline Double Decking system available in the market!

Complete weight reduction of 11% compared to its predecessor. Resulting in a lower gross vehicle mass, higher payload thus lower cost per kilometer and total cost of ownership to the transport company.



▶ **MOST FLEXIBLE DOUBLE DECKING SYSTEM**

▶ **ADJUSTABLE PITCH OF 25,4MM**

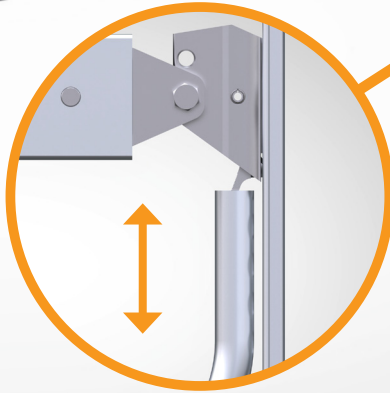
▶ **ANY AIRLINE EQUIPMENT COMPATIBLE**

▶ **UP TO 1350KG DECKING BEAMS**

▶ **AIRLINE EQUIPMENT COMPATIBLE**

Use Shoring Poles, Lashing Straps and Beams that are suitable for airline rails - even though not manufactured by LoadLok. Flexibility to the max! The 1841 and 1848 beams have a decking capacity of 1000kg, the heavy duty version can be used with payloads up to 1350kg.

Imagine the endless possibilities of configurations for a variety of applications! Ask your bodybuilder or contact us directly for inspiration.

1841 BEAM**5053 TRACK****1842 TRIGGER BAR****1811 SHORING POLE****5053 TRACK****1842 TRIGGER BAR****LAYERLOK
AF TRACKS****AF
5052 / 5050****AF
5053 / 5051****Type**

Surface Mounted

Semi-Recessed

Material

Aluminium

Aluminium

Weight (kg)

Length Dependant

Length Dependant

Fixing Hole \varnothing

Customisable

Customisable

**Thickness Above
Surface (mm)**

12

4

Length (mm)

Customisable

Customisable

Profile Height (mm)

12

14.5

**Method of
Installation**

Bonded / Mechanically fastened

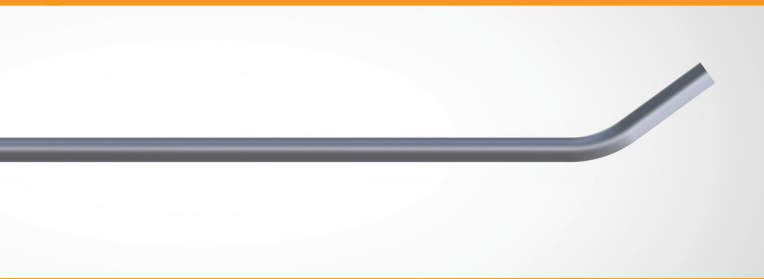
1848 BEAM**5053 TRACK**

1811 SHORING POLE



1841 BEAM

5052 TRACK



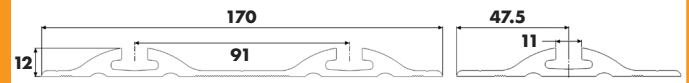
LAYERLOK AF TRACKS

SURFACE MOUNTED



5052 DOUBLE

5050 SINGLE



LAYERLOK AF BEAMS

AF 1841 / HEAVY DUTY (HD)

AF 1848 / HEAVY DUTY (HD)

Type

Standard

Standard

Material

Aluminium

Aluminium

Weight (kg)

6.7 / 8.3

6.7 / 8.3

Working Range (mm)

2400-2680

2440-2700

Load Capacity Decking (kg)

1000 / 1350

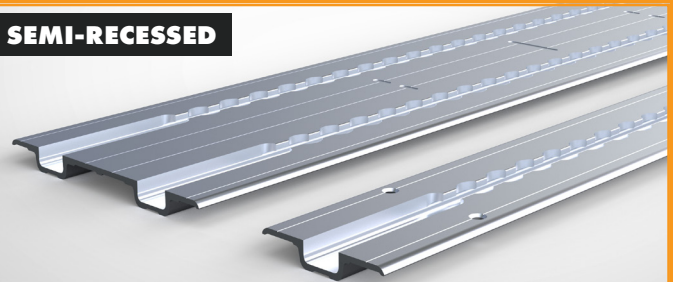
1000 / 1350

Load Capacity Shoring (kg)

900 / 1125

900 / 1125

SEMI-RECESSED



5053 DOUBLE

5051 SINGLE



**DISCOVER LAYERLOK AF
IN ANIMATION!**

LAYERLOK SC

MAXIMIZES SWAP BODY CAPACITY AND VOLUME



► MIXED LOADING HEIGHTS

The LayerLok SC can be set at various levels throughout the vehicle to accommodate mixed load requirements. When the beams are not required, they simply can be stored at roof level. The 1849 decking beams are easily locked into position at the desired height thus providing an instant second and even a third level of decking or pallet stations. It's adjustable every 50,8mm in height.



▶ **FULL SYSTEM WEIGHT REDUCTION OF 78KG**

▶ **SPECIFIC SWAP BODY SOLUTION**

▶ **UP TO 1350KG DECKING BEAMS**

▶ **THE CAPTIVE SWAP BODY SOLUTION**

The LayerLok SC was designed and developed with the sole objective to be the most efficient solution for SWAP-bodies. The surface mounted tracks are suitable for welding at required position, even retrofitted. The system is captive thus equipment can't get lost or stolen!

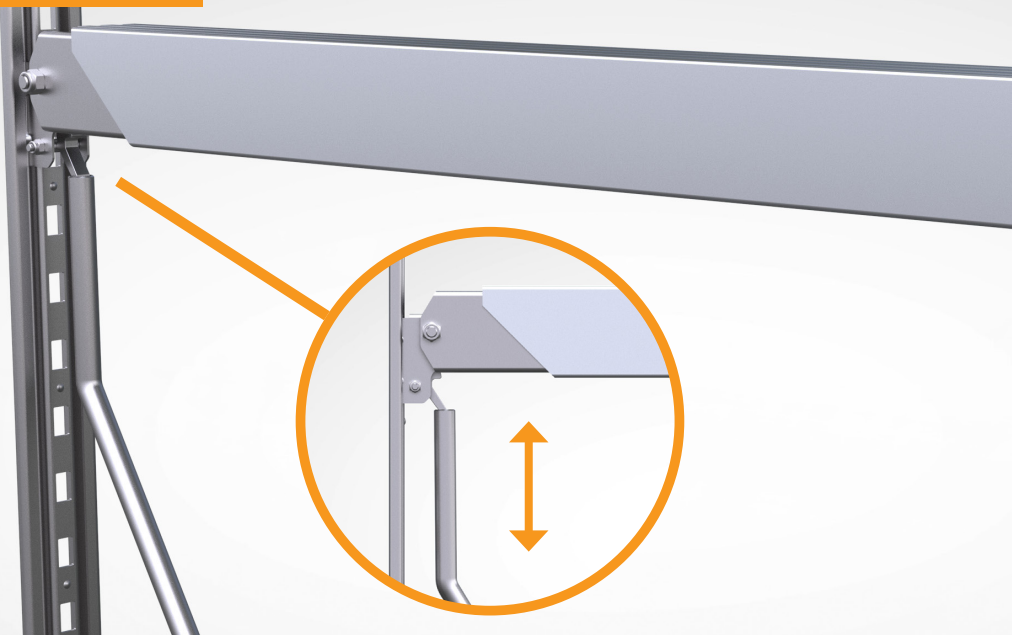
▶ **LESS WEIGHT, MORE CARGO**

The 1849 beam has been completely redesigned, reducing the weight of a complete system with 78kg (based on a typical SWAP body configuration). Maximizing your payload and ergonomic advantage to the operator.

1849 BEAM

5044 TRACK

1842 TRIGGER BAR



1849 BEAM



5044 TRACK



1842 TRIGGER BAR



**LAYERLOK
SC TRACKS**

**SC
5044**

Type	Steel Captive
Material	Steel
Surface Finish	Pre-Galvanized / Zinc Plated
Weight (kg)	Length Dependant
Fixing Hole \varnothing	Not Available
Thickness Above Surface (mm)	14
Length (mm)	Customisable
Profile Height (mm)	14
Method of Installation	Welding / Bonding

**1849 BEAM
5044 TRACK**

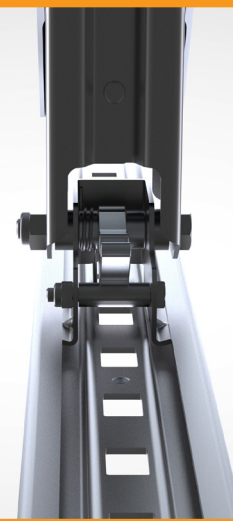


Trigger bar to release beam from height is optional.

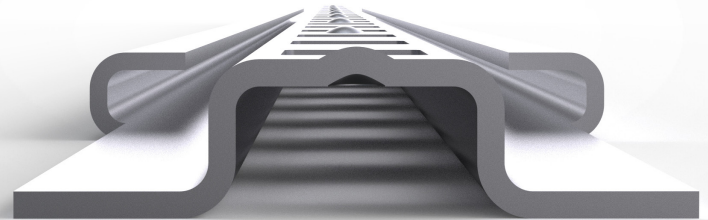


1849 BEAM

5044 TRACK



5044 TRACK



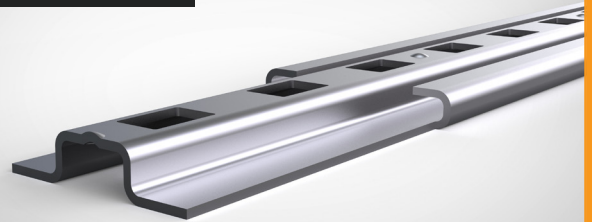
**LAYERLOK
SC BEAMS**

**SC
1849 / HEAVY DUTY (HD)**

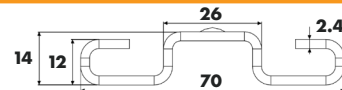
Type	Steel Captive
Material	Steel
Weight (kg)	7.7 / 9.3
Working Range (mm)	2410-2670
Load Capacity Decking (kg)	1300 / 1350
Load Capacity Shoring (kg)	1000 / 1125

LAYERLOK SC TRACK

SURFACE MOUNTED



5044



**DISCOVER LAYERLOK SC
IN ANIMATION!**

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