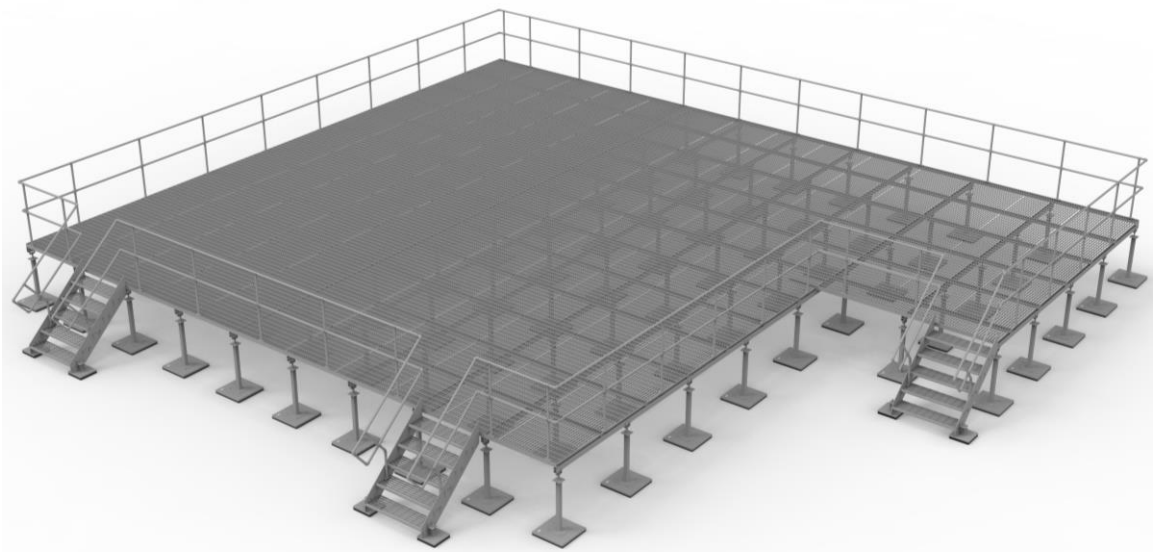
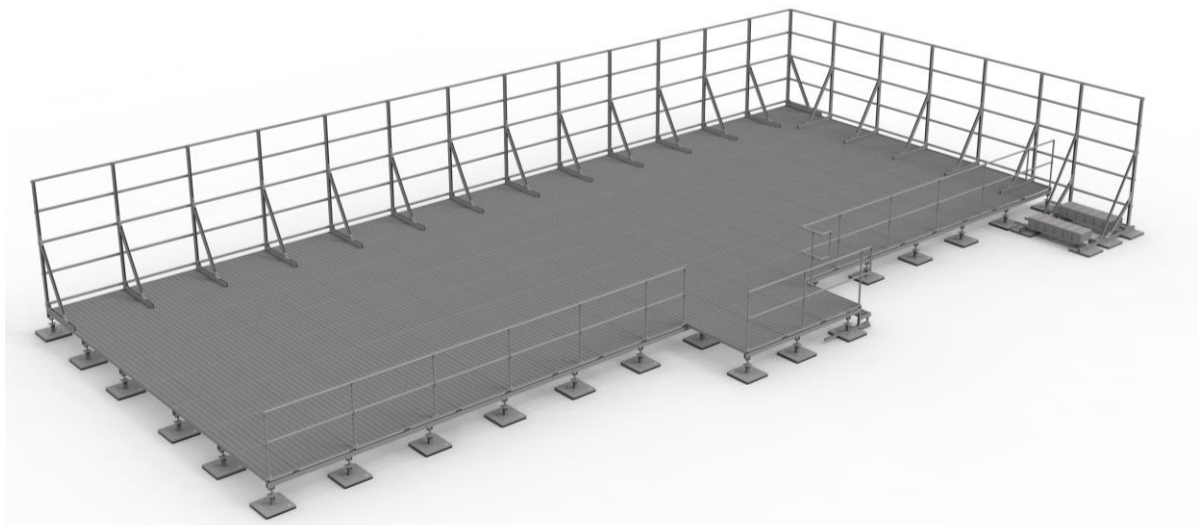


PLANT DECK

Roof Runner provides a versatile Plant Deck Framework System designed to support and manage building services, equipment, and access solutions efficiently. This fully adjustable system can be easily modified to meet evolving needs and supports all services independently of the roof structure. Ideal for both new installations and renovations, Roof Runner offers a flexible, durable solution tailored to the dynamic demands of contemporary building projects



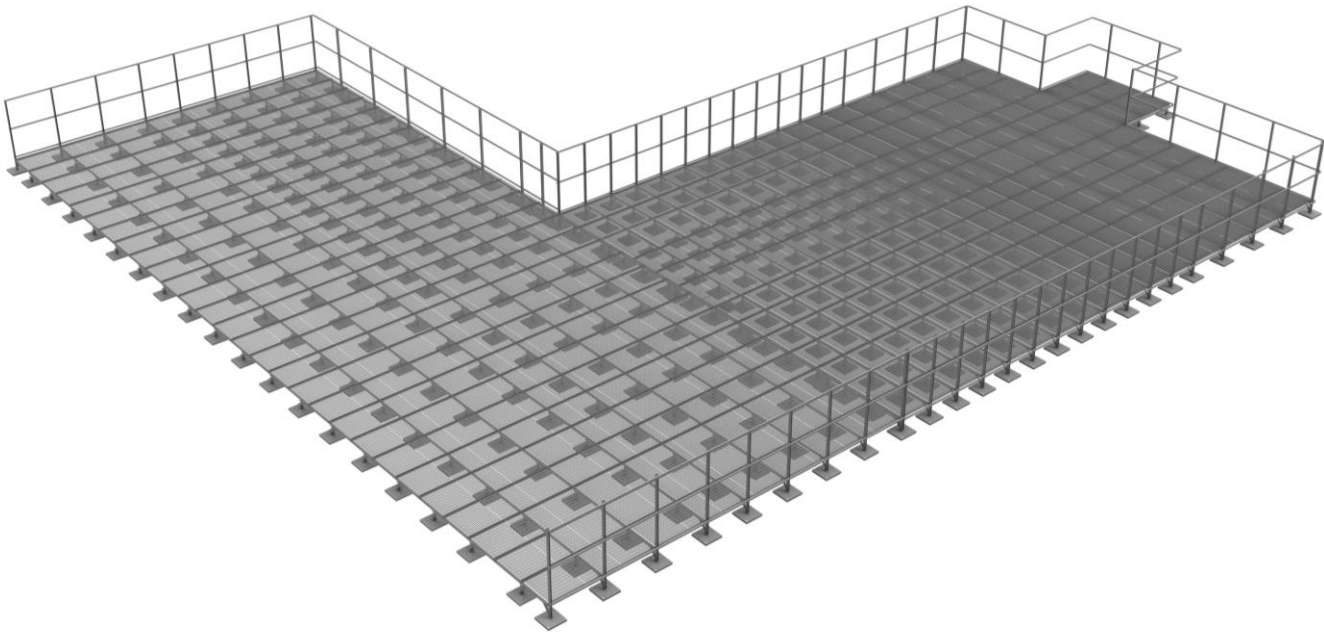
PLANT DECK	PART NAME	SPECIFICATION
	FEET	ROOFRUNNER FEET
	MEMBERS	SHS/SSC
	FLOORING	OPEN STEEL FLOORING 41/1000



Roof Runner plant deck systems are built to handle various loads and applications, available as standard products or customized to meet specific specifications.

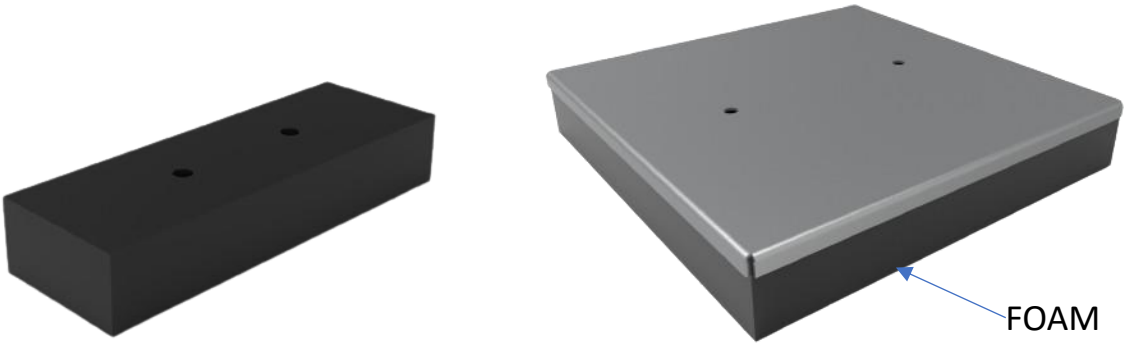
Key Features

- Our innovative building systems are designed to meet the demands of modern construction with efficiency and versatility.
- Featuring a lighter combined system, they are ideal for lower load specification roof structures, ensuring both strength and cost-effectiveness.
- The design includes easily removable flooring sections, simplifying service and maintenance tasks for long-term convenience.
- With simpler and clearer routing for pipework and electrical containment, installation is streamlined, reducing labor costs and time.
- For facilities requiring even lighter loads, our GRP flooring option provides a durable yet lightweight solution.
- All systems are cost-effective, UK-manufactured, and bespoke, tailored to meet the unique needs of every project.



Project application	Plant deck system
Roofing	Membrane and Bitumen
Material	Mild steel BS EN 10025 Yield 280 N/mm ²
Protection	HDB BS EN ISO 1461
Base material	Fire retardant Closed cell polyethylene 67 kg/m ³
Fasteners	BS 6946 BS EN Yield stress 170 N/mm ²

PA45 POLYETHYLENE FOAM



SPECIFICATION SHEET FOR PA45 POLYETHYLENE FOAM

PROPERTIES	TEST METHOD	RESULTS	UNIT
PHYSICAL PROPERTIES			
Density	ISO 845	45	Kg/m³
Tensile Strength	ISO 1798	478	kPa
Elongation	ISO 1798	224	%
Compression - 10%	ISO 844	88	kPa
25%	ISO 844	103	kPa
50%	ISO 844	172	kPa
Compression Set at 0.5Hrs	ISO 1856	7.0	%
	ISO 1856	2.0	%
24Hrs			
Compression Set at 50% 0.5Hrs	ISO 1856	20.0	%
Compression Set at 50% 24Hrs	ISO 1856	7.0	%
Working Temperature Range	Internal	- 60 / 90	°C
Water Absorption % Vol (max)	Internal	1	%
Thermal Conductivity at 10°C	ASTM C177	0.0390	W/Mk
Thermal Conductivity at 40°C	ASTM C177	0.0410	W/mK
Shore – OO	ASTM D2240	61	oo
Flammability	FMVSS 302	35	mm/min