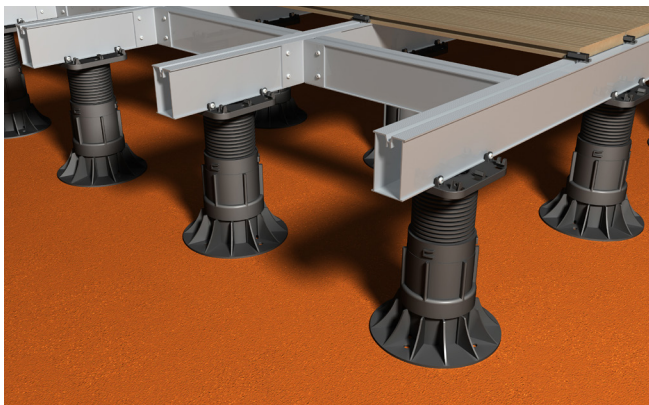
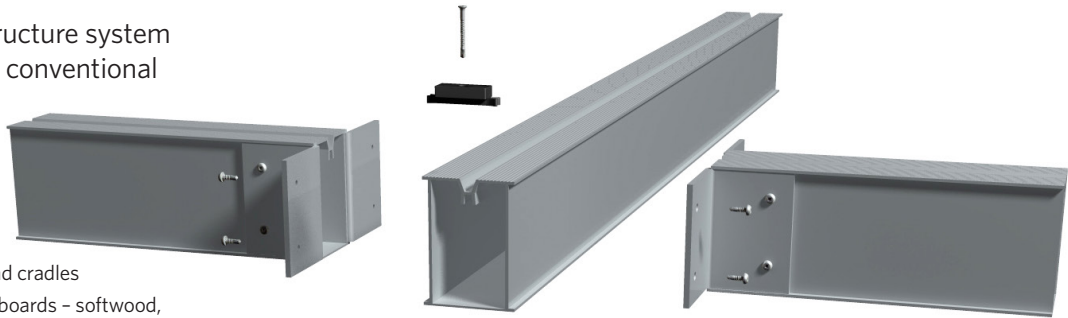


PRODUCT DATASHEET

DS Aluminium Decking Substructure

The RynoDeck aluminium substructure system has been designed to support all conventional decking systems.

- Supports decking boards as low as 32mm, and as high as 1070mm
- Simple design – rapid installation
- Compatible with all RynoDeck pedestals and cradles
- Supports any type of conventional decking boards – softwood, hardwood, composite, PVC
- Powdercoating and anodising options available
- Supplied in 3.6m lengths as standard, bespoke and pre-cut lengths available to special order.



TECHNICAL SPECIFICATION

Material	Aluminium alloy 6063		
Temper	T6		
Finish	Mill finish or powder coated to RAL 9005 (black)		
Support height	32 - 1072mm (when used in conjunction with RynoDeck pedestals/cradles)		
Fire rating	Aluminium joists are "non-combustible" and achieve a Class 1 surface spread of flame to BS476: Part 5		
Allowable load (uniformly distributed)	4.0 kN/m ² (further data available on request)		
Allowable load (concentrated)	1.4 kN (further data available on request)		
Supporting pedestals / cradles	See systems 2, 3 and 4 for technical specifications		
Allowable joist span between support points	DS22 - 400mm	DS38 - 600mm	DS72 - 1200mm
Joist screw spec	DS-SSJS 4.2 x 13mm stainless steel A2, square drive pan-head, self-drilling		
Decking screw spec	DS-SSDS-19 3.9 x 19mm stainless steel A2, square drive countersunk head, self-drilling		
	DS-SSDS-38 3.9 x 38mm stainless steel A4, chemi-black finish, square drive countersunk head, self-drilling		



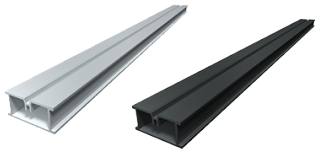
Castlepoint
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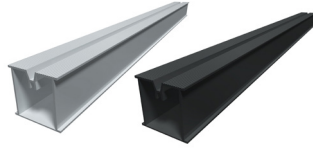
PRODUCT DATASHEET

DS Aluminium Decking Substructure

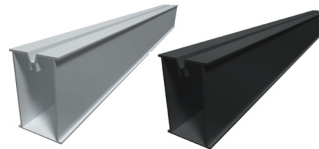
JOIST PROFILES



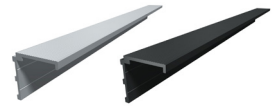
DS22 Aluminium Joist
Width: 48mm
Depth: 22mm
Finish: Mill finish or powder coated



DS38 Aluminium Joist
Width: 48mm
Depth: 38mm
Finish: Mill finish or powder coated



DS72 Aluminium Joist
Width: 48mm
Depth: 72mm
Finish: Mill finish or powder coated



DS-PF
Perimeter/Fascia Profile
Finish: Mill finish or powder coated

CONNECTIONS



DS-SC
Straight Joist Connector



DS-AC
Angle Joist Connector 90°



DS-AC
Angle Joist Connector 135°



DS-VC
Perimeter/Fascia Profile Bracket



DS-BB
Ballast Bracket



DS-GA
Ground Anchor

Available in 22mm, 38mm and 72mm versions



DS-SSDS-38
Stainless Steel Decking Screw for Plastic Clips



DS-SSDS-19
Stainless Steel Decking Screw for Metal Clips



DS-SSJS
Stainless Steel Joist Screw for Joist Connectors



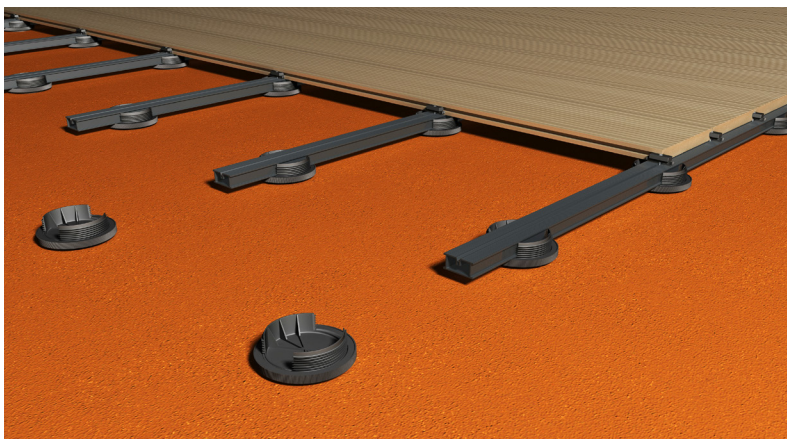
Self-levelling pedestal
For sloping areas with compatible 'clip-on' head. See RynoDeck System 2 for pedestal size range



Fixed-head pedestal
For flat areas with compatible head. See RynoDeck System 3 for pedestal size range



Joist cradles
For low-height applications. See RynoDeck System 4 for cradle range options



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