

DS

Aluminium Joist



Overview

The DS aluminium Joist is a non-combustible aluminium support joist designed specifically for RYNO flooring systems. Secure the support joists to decking pedestals or cleats to create a robust and durable support structure for your system.

- Multipurpose design – rapid installation
- Multiple joist depths available to suit various applications
- Manufactured from incredibly strong and lightweight aluminium
- Supports large allowable spans
- Available in a mill finish or powder coated



Details

Material	Aluminium 6063-T6
Dimensions	See “Part information” below
Height Range	See “Part information” below
Weight	See “Part information” below

Performance

Reaction to fire (BS EN 13501-1)	Inherently A1 (Decision 94-611/EC)
Maximum spacing	Determined by Deckboard or Top Rail. See applicable datasheet.
Maximum span	See “Part information” below
Warranty	30 years*
Design Life	60 years

*when used as part of a complete RYNO IGNO system


Part information

Part code	Height	Dimensions	Weight	Maximum span
DS15	15mm	48 x 15 x 3600mm	1.7kg/m ²	360mm
DS25	25mm	48 x 25 x 3600mm	1.7kg/m ²	600mm
DS50	50mm	48 x 50 x 3600mm	2.3kg/m ²	1200mm
DS50C	50mm	48 x 50 x 3600mm	1.7kg/m ²	1050mm
DS75	75mm	48 x 75 x 3600mm	3.2kg/m ²	1600mm
DS75C	75mm	48 x 75 x 3600mm	3.3kg/m ²	1450mm

Compatible components

	RD-FR Non-Combustible Adjustable Joist Support		RDF Fixed Head Adjustable Joist
	RDA-C Self-levelling Adjustable Joist Support with Clip-on Head		ADC Joist Support Cleat
	VC Vitrified Composite Decking Board		ADB Aluminium Decking Board - Indirect Fix
	CDB-C Classic Composite Decking Board		CDB-S Signature Composite Decking Board
	CDB-P Performance Composite Decking Board		DSC Joist Connector Bracket
	VCT Decking Clip - Vitrified Composite		RST Aluminium Paving Support Rail
	PHS Pan-head Screw		DSB Decking Screw

Compatible systems




TerraSmart®
Rail Paving System

Premium, versatile paving system for waterproofed substrates


TerraSmart®
Rail Paving System

Premium, versatile paving system for waterproofed substrates, **where non-combustibility isn't required**




BalcaSmart®
Vitrified Composite® Decking System

Non-combustible, wood effect decking system for metal framed balconies



TerraSmart®
Vitrified Composite® Decking System

A1 fire-rated, wood effect decking systems for waterproofed substrates




BalcaSmart®
Aluminium Decking System

Decking system for metal-frame balconies

TerraSmart®
Composite Decking System

Wood-plastic composite decking system for outdoor spaces



TerraSmart®
Aluminium Decking System

Decking system for waterproofed substrates

TerraSmart®
Resin Bound Gravel System

Raised, lightweight flooring system with a seamless resin bound aggregate finish.

Got questions? Give us a shout.

Visit www.rynosystems.com or call us today on **+44 (0)203 967 3500** or reach out on sales@rynosystems.com