

# ADS Aluminium Support Joist



## Overview

Fully non-combustible aluminium support joist designed to support Ryno aluminium decking. It sits on decking pedestals or cleats to create a strong and durable support structure for your system.

- Multiple joist depths available to suit different applications
- Manufactured from incredibly strong and lightweight aluminium
- Large allowable spans
- Available in mill finish or powder-coated



## Performance

<b>Allowable load (up to 800mm spacing)</b>	Uniformly distributed >4.0kN/m <sup>2</sup> , Concentrated 2kN
<b>Material</b>	Aluminium alloy 6063 T6
<b>Biological/Chemical</b>	Resistant to moulds algae, alkali, bitumen, UV
<b>Reaction to fire</b>	A1
<b>Compatible supports</b>	ADC, RD-FR
<b>Warranty</b>	30 years
<b>Design life</b>	60 years

## Dimensions and Spans

Code	Height x Width	Stock lengths	Span	Weight
<b>ADS25</b>	25mm x 50mm	3600mm	Up to 600mm	2.7kg/m <sup>2</sup>
<b>ADS50</b>	50mm x 50mm	3600mm	Up to 1300mm	3.5 kg/m <sup>2</sup>
<b>ADS85</b>	85mm x 50mm	3600mm	Up to 1800mm	3.5 kg/m <sup>2</sup>

## Compatible Systems

**TerraSmart®**  
Aluminium Decking System

Decking system for waterproofed substrates

**BalcaSmart®**  
Aluminium Decking System

Decking system for metal-frame balconies

**TerraSmart®**  
Rail Paving System

Premium, versatile paving system for waterproofed substrates