

# Support System

## Technical Data Sheet

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### Overview

A durable, non-combustible sub-rail and pedestal system designed for the MyDek decking system. With aluminium SupportRail™ and stainless steel height-adjustable pedestals, the MyDek Support System offers unrivalled speed, accuracy and peace of mind.

With rapid tool-free installation and large, circular base plates, the system is suitable for use on flat roof waterproofing, inset balconies and roof terraces with buildup heights from 80-300mm.

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### Features:

- Non-combustible
- Lightweight
- Concealed fixings
- 30 year warranty
- 60 year design life



### Dimensions:

SupportRail™	55mm deep, 2.4m lengths
Pedestal	120mm dia baseplate with height options from 80-300mm*

\*including 20mm MyDek decking board

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### Material:

SupportRail™	Aluminium grade 1050
Pedestal	Stainless steel A2 / 303

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### Finish:

SupportRail™	Black Coated
Pedestal	Self colour

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## Product Codes:

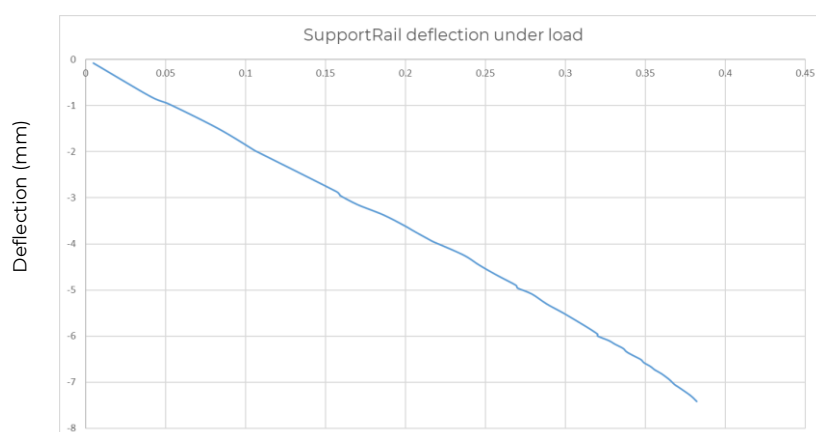
SR07.04.0000	SupportRail™
SP03.02.0000	SupportPedestal

For full range of accessories,  
visit [www.mydek.com](http://www.mydek.com)

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## Strength:

Deflection under load (tons)\*



\*guide only

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## Performance

### Standards:

Quality	Standard	Value	Limit
Deflection – 80KG at 1200mm pedestal spacing	EN310	2.1mm	-
Deflection – 2KN at 1200mm pedestal spacing	EN310	4.9mm	<5mm
Coefficient of thermal expansion	N/A	0.024mm/m/°C	-
Coating Durability	EN12206, EN13438	Qualicoat Class 2	-
Fire test (polyester powder coated)	EN 13501 – 1 A1:2013	A2 – s1, d0	A2 – s1, d0
Coating Adhesion	ISO-0 ASTM-5B	No separation	-

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## Applications:

For use on balconies, walkways, roof terraces, leisure areas, patios and poolside environments.

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## Installation:

Fitted to flat roof or terrace areas with height buildup requirements between 80 and 300mm.

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## Storage and Handling

Profiles are packaged with protection against scratching and contamination, and supplied with appropriate support (e.g. stillage or pallet). Ensure that this level of protection is maintained until installation, including storage in dry conditions and support along the length of the profiles. Improper storage may lead to damage that falls outside the warranty.

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Manufacturer:

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## Summary

### Smart

Under normal usage, MyDek is easy to maintain - simply wash the deck surface as needed without abrasive chemicals. MyDek is one of the lowest-maintenance systems available.

The unique ClipRail™ and SupportRail™ systems make MyDek installation fast and simple.

### Safe

All aluminium used to create MyDek is compliant with current industry and manufacturing standards. The products are fully tested for durability, deflection and slip resistance. All MyDek products are certified to the relevant fire standards.

### Sustainable

The 60-year service life and ability to be recycled make MyDek a sustainable building feature. The longer life cycle reduces the energy required to produce replacements.

Aluminium wastage created through any of the manufacturing process is fully recyclable and is used to create other aluminium products.