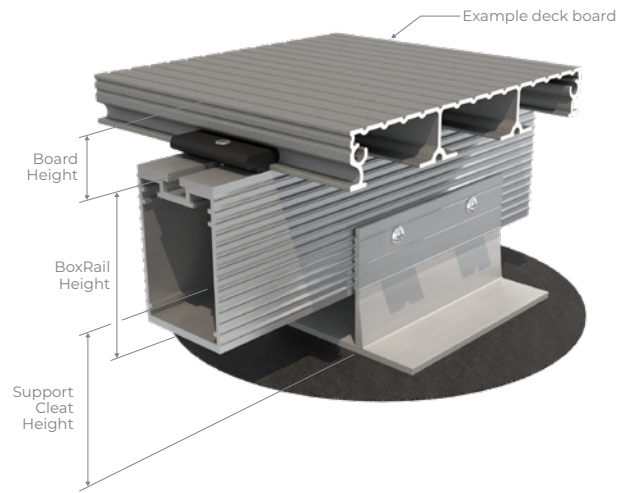


BoxRail Support System

Overview

AI Fire rated, non-combustible aluminium support system with a unique clip designed for restraining porcelain tiles against wind-uplift. Suitable for use with all balconies and terraces. Works with all suitable machined exterior porcelain and concrete tiles of minimum 200mm thickness.



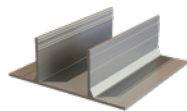
FEATURES:

- Fully certified
- Non-combustible
- Lightweight
- 30 year warranty
- 60 year design life

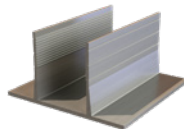
MATERIAL:

All components: Aluminium grade 6063-T6
 Expansion allowance: 1mm per linear metre
 Finish: Mill

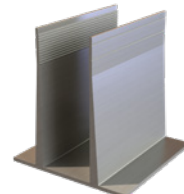
SUPPORT CLEATS:



Small
(35mm high)



Medium
(53mm high)

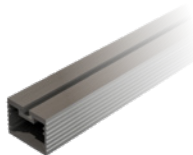


Large
(107mm high)

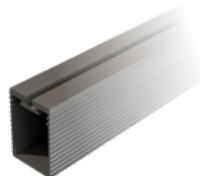


Extender
(50mm)

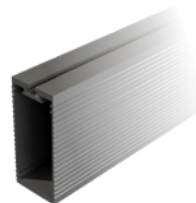
BOXRAILS:



BoxRail 35



BoxRail 60



BoxRail 90



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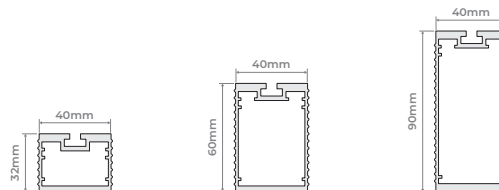
T: +44 (0)3300 94 94 11

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www.mydek.com

DIMENSIONS & PRODUCT CODES:

Note: Construction heights in the table below include the height of the Support Cleat and BoxRail and exclude the height of the deck board.



Support Cleat	Product codes	BoxRail 35		BoxRail 60		BoxRail 90	
		BR32		BR60		BR90	
	Height (mm)	Min	Max	Min	Max	Min	Max
	SF04	35	57	63	85	93	115
	SF01	53	75	63	103	93	133
	SF06	107	129	107	157	107	187
<p>Additional extensions can be added to increase overall height</p>	CX01	50	179	157	207	157	237

Recommended BoxRail/Support Cleat combinations



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BOX RAIL LOAD SPANS:

Product code	Max Centres of Support Cleats	Deflection at 2kN (EN310)
BoxRail 35	900mm	< 5mm
BoxRail 60	1200mm	< 5mm
BoxRail 90	1800mm	< 5mm

PERFORMANCE STANDARDS:

QUALITY	STANDARD	VALUE	MIN. REQUIRED STANDARD
Coefficient of thermal expansion	N/A	0.024mm/m/°C	-
Fire test	EN 13501 – 1 A1:2013	A1	A2-s1,d0

APPLICATIONS:

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

INSTALLATION:

Clipped onto SupportCleats and fixed using supplied self-drilling screws. Rail clips to adjustable pedestal. Rubber protection mats should be inserted to protect waterproofing membranes if necessary.

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.

ACCESSORIES:

For full range of accessories visit www.mydek.com

MANUFACTURER:

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Summary

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.

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.

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.



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