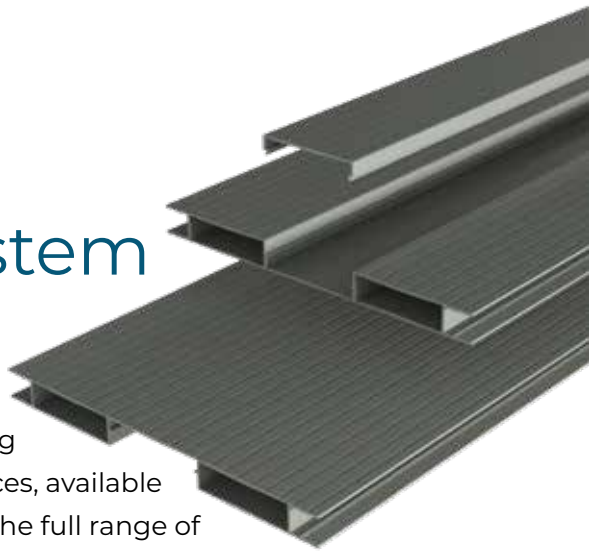
MYDEK®
Non-combustible decking systems

Aspira Decking System



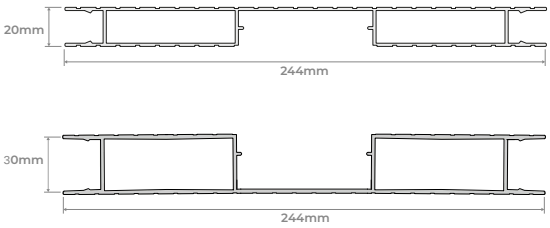
Overview

A reversible, non-combustible, aluminium decking system designed to enhance balconies and terraces, available in a range of standard finishes. Compatible with the full range of support systems from MyDek for fast and accurate installation. MyDek offers unrivalled speed, accuracy and choice in decking solutions.

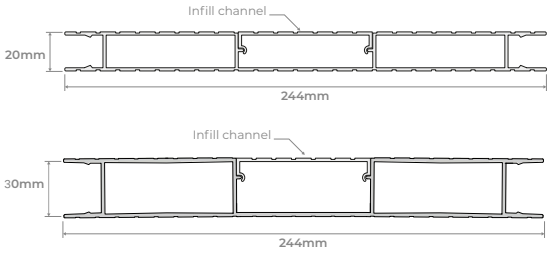
FEATURES:

- Fully certified
- Non-combustible
- Lightweight
- Concealed fixings
- Slip resistant
- 30 year warranty
- 60 year design life
- Fire rating A2 – s1, d0 and A2fl
- Reversible board suitable for fixing into steel or aluminium subframe
- Wider board format reduces number of fixings required and speeds up installation
- Powder coated to Qualicoat Class 2 standard

ASPIRA



ASPIRA PLUS



DIMENSIONS:

Board width	244mm (250mm module including 6mm gap)	
Board length	4.2m or made to order (subject to conditions)	
Board depth	20mm	30mm
Weight	9.94 kg/sqm (Aspira) 11.52 kg/sqm (Aspira Plus)	11.39 kg/sqm (Aspira) 12.97 kg/sqm (Aspira Plus)

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MATERIAL:

Board	Aluminium grade 6063-T6
Expansion allowance	1mm per linear metre
Finish	Powdercoated to Qualicoat Class 2 standard

PRODUCT CODES (20mm VERSION):

AB01	Aspira (board)	**AG01**	Gutter insert
AB01 + AI01	Aspira Plus (board and insert)	**AT01**	Edge Trim

PRODUCT CODES (30mm VERSION):

AB02	Aspira (board)	**AG02**	Gutter insert
AB02 + AI01	Aspira Plus (board and insert)	**AT02**	Edge Trim

STRENGTH:

Maximum span at domestic loads (2.5kN, 2kN)	1000mm (20mm version) 1600mm (30mm version)

PERFORMANCE STANDARDS:

QUALITY	STANDARD	VALUE	LIMIT
Fire test (polyester powder coated)	EN 13501 – 1 A1:2013	A2-s1,d0	A2-s1,d0
Deflection – 2KN at 1000mm span	EN310	2.68 (20mm) 1.10 (30mm)	
Slip resistance - Wet	BS7976 -2 Pendulum Slip Test	38 PTV	>36
Slip resistance - Dry		68 PTV	>36
Coefficient of thermal expansion	N/A	0.024mm/m/°C	-
Coating Durability	Qualicoat Class 2 powder		
Accelerated wear test (biomechanical - see appendix 1.1)	TM391:2016	'Very Slight' at 50K 'Slight' at 100K	-
Furniture leg test (scratching)	EN424:2001	No damage Slight transfer	
Coating Adhesion	ISO-0 ASTM-5B	No separation	-
UV Stability	ISO2810	Class 2	3-year Florida

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COLOUR RANGE:

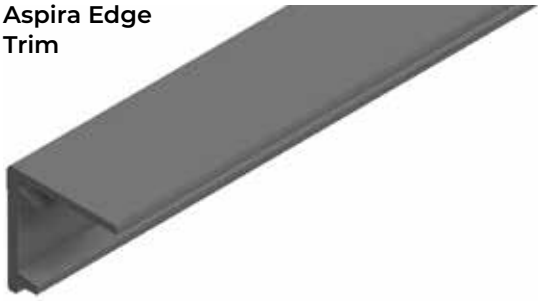
For full colour range of non-slip textured powder coatings visit www.mydek.com

LIGHT REFLECTANCE VALUE:

RAL7016:	LRV 7
RAL7039:	LRV 15
RAL8014:	LRV 6

SUPPORTING PRODUCTS

Aspira Edge Trim



Aspira Gutter Insert



APPLICATIONS:

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

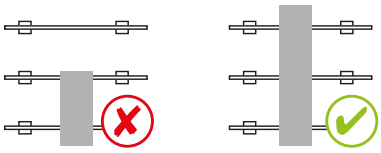
INSTALLATION:

Fixed to steel structure or MyDek Support Systems with self drilling screws.

Cantilever Allowance: 300mm

IMPORTANT NOTES

Boards must be installed over a minimum of two continuous spans. Do not install a single span unless centres are reduced, contact MyDek for advice if needed.



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

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Appendix

1. BIOMECHANICAL ACCELERATED WEAR TEST SATRA TM391:2016

This test has been carried out in accordance with SATRA TM391:2016 for assessing floor coverings using a walking machine, where a standard shoe (having a patterned sole with a tread depth of 5mm ± 0.5mm and Shore A hardness of 54 is mounted on a foot form that is attached to a walking machine. The flooring specimen is subjected to a cyclic walking action from the standard shoe, where the specimen rotates incrementally whilst the forepart is in contact with the sample. These individual footsteps are designed to replicate a mixture of walking in a straight line and turning a corner. The flooring sample under test rotates such that is completes a 360° rotation every 150 footfalls.

2. FURNITURE LEG TEST EN 424:2001

This test simulates the movement of furniture or the likes on floor surfaces, and assesses the impact on the finish of the product both in terms of damage to the surface and transfer of marking onto the surface.

Results: EN 424:2001 – Resilient floor coverings – Determination of the effect of simulated movement of a furniture leg. [2][3]

		Direction of manufacture	90° to the direction of manufacture
Type 0 with an applied mass of 32kg	Flatness Deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating Edges	None	None
	Transfer of brass	None	None
Type 2 with an applied mass of 100kg	Flatness Deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating Edges	None	None
	Transfer of brass	Very slight	Slight
Type 3 with an applied mass of 70kg	Flatness Deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating Edges	None	None
	Transfer of brass	None	Slight

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