

## NBS-Type Specification - Aspira on BoxRail System

### Q55 External decks, boardwalks and bridges

#### 110 Deck

1. Description: Supply of balcony board and support system - refer to architect's and manufacturer's drawings.
2. Manufacturer: MyDek Ltd
3. Contact details
  - a. Address: Granville House, Unit E, The Heights Business Park, High Wycombe, HP14 3BG
  - b. Telephone: +44 3300 94 94 11
  - c. Web: <https://www.mydek.com/>
  - d. Email: [sales@mydek.com](mailto:sales@mydek.com)
4. Product reference: Aspira Aluminium Decking System
5. Structure
  - a. Subframe: BoxRail and Cleat Aluminium Decking Support System to suit deck height and recommended by manufacturer; 'Boxrail' rails installed at max 800 mm centres.
  - b. Rails: BR32 32 x 40 mm BoxRails, BR60 60 x 40 mm BoxRails or BR90 90 x 40mm BoxRail – height chosen to suit buildup required, extruded aluminium grade 6063-T6, mill finish, EN 13501-1 class A1 exempt
  - c. Pedestals: Modular SF01 medium, SF04 small or SF06 large support cleats, height adjustable to suit buildup required, extruded aluminium grade 6063-T6, mill finish, EN 13501-1 class A1 exempt. Extendable in 50mm or 100mm increments using CX01 (50mm) or CX02 (100mm) cleat extensions to a maximum of 3no cleat extensions per pedestal
  - d. Spreader plates: 200 x 200 x 2 mm aluminium spreader plates, mill finish, EN 13501-1 class A1 exempt
  - e. Fasteners: Non-combustible hidden fixing clip system.
6. Edge Trim: Powder coated aluminium 6063-T6 F-shape profile 20mm x 20mm x 2mm. Polyester powder coated to Qualicoat Class 2 colour matched to decking and secured with colour matched screws.

7. Deck boards: MyDek Aspira Aluminium Deck Boards
8. Material: Extruded Aluminium Grade 6063-T6.
9. Fasteners: Basic clip (screw-fixed). UC01. Ruspert coated Tek Screws
10. Board length: 4200mm.
11. Board size: 244 x 20 mm.
12. Colour: RAL 7016 Anthracite Grey, RAL 7037 Dusty Grey, RAL 7039 Quartz Grey, RAL 8014 Sepia Brown, RAL 7040 Window Grey, RAL 8019 Grey Brown
13. Surface finish: Qualicoat Class 2 powder.
14. Spacing: 6 mm apart in accordance with BS 8579.
15. Deflection: Dependent on configuration.
16. Fire Rating: To EN 13501-1, A2-s1,d0. All materials and accessories to EN 13501-1, A1 or A2-s1,d0.
17. Slip resistance value: To BS 7976-2, 39.5 PTV (wet); 59 PTV (dry).
18. Weight: 9.94 kg/m<sup>2</sup> for the boards only. Other weights depend on exact configuration, available on request.
19. Centres: 800 mm (maximum).
20. Accessories:
  - a. Colour-matched gutter profile: Extruded aluminium 6063-T6, Polyester Powder Coated to match decking. Screws provided with gasket washers to replace standard clips and screws.
  - b. Colour matched Edge Trims: Powder coated aluminium 6063-T6 F-shape profile 20mm x 20mm x 2mm. Polyester powder coated to Qualicoat Class 2 colour matched to decking and secured with colour matched screws.
21. Other requirements:
  - Decking system to be installed in accordance with manufacturer's specification and instructions.