

NBS-Type Specification - Innova 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
4. Product reference: Innova 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 600 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 L angle 25mm x 30mm x 2mm. Polyester powder coated to Qualicoat Class 1 colour matched to decking and secured with colour matched screws.

7. Deck boards: MyDek Innova Aluminium Deck Boards
8. Material: Extruded Aluminium Grade 6063-T6.
9. Fasteners: Basic clip (screw-fixed). CB01. Ruspert coated Tek Screws
10. Board length: 4200mm.
11. Board size: 144 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: To BS EN 310, 80 kg at 500 mm span (to BS EN 310): 1.1 mm. 2 kN at 500 mm span (to BS EN 310): 2.9 mm.
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: 8.66 kg/m² for the boards only. Other weights depend on exact configuration, available on request.
19. Centres: 600 mm (maximum).
20. Other requirements:
 - Decking system to be installed in accordance with manufacturer's specification and instructions.