

NBS-Type Specification - Luxura 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: Luxura Mineral Composite 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 450 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. Deck boards: MyDek Luxura Mineral Composite Deck Boards

7. Material: Mineral Composite with cellulose fibres bound into a cementitious matrix, compressed and autoclaved to a minimum density of 1600kg/m³.
8. Fasteners: Basic clip (screw-fixed). CB01. Ruspert coated Tek Screws
9. Board length: 2440mm.
10. Board size: 193 x 20 mm.
11. Colour: Aged Oak or Hickory
12. Surface finish: Timber-look aesthetic with impregnated waterproofing sealer.
13. Spacing: 7 mm apart in accordance with BS 8579. Spacing may be altered between 5-8mm to suit layout requirements.
14. Fire Rating: To EN 13501-1, A1. All materials and accessories to EN 13501-1, A1 or A2-s1,d0.
15. Slip resistance value: To BS 7976-2, minimum 36 in wet or dry conditions.
16. Weight: 29.7 kg/m² for the boards only. Other weights depend on exact configuration, available on request.
17. Centres: 450 mm (maximum). Mid-span supports can be provided to extend the spans if required.
18. Other requirements:
 - Decking system to be installed in accordance with manufacturer's specification and instructions.