

VelAir

MODULAR
CYCLING

Technical Specifications – VelAir

Modular length: 12,1 m

Width: 2.5 - 5m between railings

Weight: under 2,5 tons per module

Railing height: 1100 - 1400 mm

Span: 12m (for longer sections, supports required every 12m).

Geometrical tolerance: Slope +/- 8%, 20 m radii, vertical radii acc. VGU

Allowable loads (Characteristic) according to Eurocodes (EN-1995-1/2):

- **Crowd loading** 5 kN/m²
- **Service vehicle** 4,5T GWW
- **Weather and accidental loads**



Modular elevated tracks in local wood to foster safe and rapid active mobility.

- Allowable deflection L/400
- Technical life length: 40 years with associated maintenance plan
- Circular product, fully re-usable, recyclable, low environmental impact.
- Easy transport in 40' container format, limited on-site assembly required
- Variety of options for pavement surface: plain wood, texture-treated, painted, thermoplastic, noble wood.
- Variety of options for coating of structural elements
- Structure can be used to install cables, pipes...
- Available in C4 or C5 corrosion class.
- Customization available on request.
- Connection pieces and foundations on request.
- Variety of railing options (wood, cables, fence, ...)
- Delivery time: upon request
- Even help with pre-design, design.