

TECHNICAL SPECIFICATION

SYSTEM CODE

KOMBI SUPPORT STRUCTURE, PLATFORM & STAIR SYSTEM
KB6000

TECHNICAL DATA

MATERIALS

- Manufactured from high grade structural aluminium
- KOMBI fixing brackets, joining plates and support feet manufactured from profiled stainless steel plate powder coated burnt orange
- KOMBI T-Bolt manufactured from stainless steel

DIMENSIONS

- KOMBI 80 extrusion: 80 x 38mm
- KOMBI 180 extrusion: 180 x 32mm
- Platform support extrusion: 58 x 58mm
- Stair tread: 250 x 40mm
- Handrail post extrusion: 58 x 58mm
- Aluminium expanded mesh: 600 x 13mm

FIXINGS

- KOMBI T-Bolt: M10 x 25
- Tek screw: 12g stainless steel

WEIGHT

- KOMBI 80 extrusion: 2.6kg/m
- KOMBI 180 extrusion: 4.0kg/m
- KOMBI platform deck (aluminium mesh only - 600mm wide): 4.2kg/m²
- KOMBI stair tread: 3.9kg/m

WORKING LOAD LIMIT

- KOMBI platforms are designed to AS1657-2018 (Platform live load limit 2.5kPa)
- KOMBI stairs are designed to AS1657-2018 (Stair live load limit 2.5kPa)
- Platform deflection is limited to L/100
- Deflection based on a uniformly distributed load combination of dead load + 0.7 live load.

COMPLIANCE

KOMBI modular access systems are designed to comply with requirements of Australian Standards AS1657-2018 and relevant statutory OHS codes of practice and guidelines.

TESTING

Testing and performance based on requirements of Australian Standard AS1657:2018 and AS/NZS1170 under live load conditions.

PRODUCT WARRANTY

10 years from date of purchase subject to correct configuration and installation. Use and maintenance to be in accordance with manufacturer's specifications and recommendations.

INSPECTION AND MAINTENANCE

Inspection required every 12 months by competent person in accordance with manufacturer's specifications and requirements of Australian Standards AS1657-2018.

IMPORTANT NOTE

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.