

MEZZBARRIERS

Declaration of Conformity - Pallet Gates

MEZZBARRIERS pallet gates are a range of pallet/mezzanine gates designed specifically to provide permanent hazard protection when moving goods between different working levels - loading docks, mezzanine openings, high level loading platforms and doorways.

OPERATION

Manually operated balanced double safety pallet gate system providing permanent edge collective fall protection.

FIXTURE PALLET GATES require physical fixing to the buildings' structure with bolts/anchors to wood, metal or concrete surface.

MATERIALS

Subject to model - galvanised steel tubing to EN 10255. 33.7 mm diameter tube x 3.2 mm wall thickness. 42.4 mm diameter x 3.2 mm wall thickness. 48.3 mm diameter tube x 3.2 mm wall thickness. To reduce operator fatigue some wider gates will include Aluminium 6063 T6 33.7 mm diameter tube x 3.2 mm wall thickness.

All tube clamps standard cast steel galvanised to BS EN ISO 1461. All cast clamps grub screws are stainless steel to ensure minimal maintenance.

Pivot bushes nylon with galvanised bolt sets.

Special steel fabricated components where used are zinc sprayed. Anti-slam dampers (Special models) powder coat.

Optional thermoplastic tube coating: Plas Coat PPA 571 ES. RAL 1021 ALERT SAFETY YELLOW.

Handrail height of a MEZZBARRIERS PALLET GATE is 1.1 m. Gap between top, knee rail and bottom guardrail 466 mm. Guardrail centre to centre 500 mm. Kickplate 100 mm x 3 mm Aluminium 6063 T6.

TESTING EN ISO 14122 Part 3 & Part 4 300 N/m applied to the top rail and knee rail of the pallet gate in accordance with EN ISO 14122-3:2016. Deflection not exceeding 3% of handrail height.

Standard definition – A protective barrier around an opening in a floor or at the open side of stairs, a landing, balcony, mezzanine, gallery, raised walkway or other location; used to prevent accidental falls from one level to another at or exceeding 500 mm in height.

Internal gap widths:

For standard European pallets the recommended gap width is 1.5 m.

Maximum gap in conformance with EN ISO 14122-3:2016 for Mezzbarriers models:

Atlas Standard pallet gate width 1.5 m and 1.8 m Internal gap.

Hi-gate model special widths up to 2.0 m internal gap.

Kappa, Omega standard, Omega Nu and Sigma models special widths up to 3.0 m internal gap.

Delta, Gamma, and Titan models special widths up to 3.5 m internal gap.

Any remedial repairs, when carried out by the user, MUST NOT exceed these dimensions.

LABEL with CE mark

INSTRUCTIONS for installation and safe use.

ALL PARTS are replaceable from:.

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