PROTECTIVE GLOBAL LTD
Protection • Safety • Compliance
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MEWPMate – Guard-Rail Compliance Statement (EN 280 & ANSI A92.20)

1. Scope of Compliance

This statement confirms that the MEWPMate accessory, when installed according to the supplied instructions, **does not alter, weaken, or reduce** the structural or dimensional safety performance of the MEWP guard-rail system as defined in **EN 280** (Europe) and **ANSI A92.20** (United States).

MEWPMate is a **non-structural, non-load-bearing attachment** designed to mount externally to existing OEM guard-rails using clamping interfaces that avoid drilling, cutting, or modification of the rail structure.

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2. Dimensional Compliance

EN 280 Requirements

MEWPMate does not reduce or interfere with the following minimum guard-rail dimensions:

- **Top-rail height:** OEM guard-rail height remains ≥ **1.10 m** above platform floor.
- **Intermediate rail:** No MEWPMate component creates openings > **0.47–0.50 m** vertically.
- **Toe-board:** Toe-board height (≥ **0.15 m**) remains unobstructed.
- **Access gates:** MEWPMate does not impede gate closure, self-closing action, or latch engagement.
- **Openings:** No new opening is created that would allow a person to slip through or climb.

ANSI A92.20 Requirements

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MEWPMate maintains compliance with the following dimensional criteria:

- **Top-rail height:** OEM height remains within **43–45 in** (≈ **1.10–1.15 m**).
- **Mid-rail:** No interference with mid-rail continuity or spacing.
- **Toe-board:** Minimum **4 in** (≈ **0.10 m**) toe-board remains unobstructed.
- **Platform entry:** MEWPMate does not obstruct self-closing gates or equivalent access systems.

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3. Load and Structural Compliance

EN 280 Load Requirements

MEWPMate does not reduce the guard-rail's ability to withstand:

- **Horizontal concentrated load** typically in the range of **300–500 N** applied at the top-rail.
- **Combined loading** from platform occupants leaning or falling against the rail.
- **Structural integrity** under worst-case load combinations defined by EN 280.

MEWPMate applies **no structural load** to the guard-rail beyond its own negligible clamping force. All clamps are designed to avoid point-loading, deformation, or crushing of the rail section.

ANSI A92.20 Load Requirements

MEWPMate does not interfere with the guard-rail's ability to withstand:

- **200 lb (≈ 890 N)** concentrated horizontal load at the top-rail.
- **400 lb (≈ 1,780 N)** distributed load across a guard-rail section.
- **Inward and outward loading** as required by the standard.

MEWPMate is not used as a handhold, support, or structural member and is labelled accordingly.

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4. Interface and Installation Compliance

- MEWPMate uses **non-penetrating clamps** that preserve OEM guard-rail section strength.
- No drilling, welding, cutting, or modification of the guard-rail is required or permitted.
- Installation does not affect **stability calculations**, **rated load**, or **platform capacity**.
- MEWPMate remains within the **permitted accessory mass** for the MEWP category.
- All components are designed to avoid snagging, entrapment, or obstruction of operator movement.

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5. Manufacturer Responsibilities

MEWPMate is supplied with:

- Installation instructions
- Inspection and maintenance guidance
- Load classification (non-structural accessory)
- Statement of conformity for EN 280 / ANSI A92.20 compatibility

OEM approval is recommended where required by the MEWP manufacturer's accessory policy.

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6. Declaration

When installed correctly, MEWPMate **maintains full guard-rail compliance** with EN 280 and ANSI A92.20.
The accessory does not reduce guard-rail height, strength, continuity, or safety performance.

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