

NBS L30 Freestanding XSGuardrail systems

XSFixed, XSFlex and XSCurved guardrails by XSPlatforms

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Product Description:

XSGuardrail systems are suitable for installation and use on new and existing buildings with working platforms, roofs or technical terraces having slopes between 0° and 10° and no public access. A foldable option is available; for more information, please contact XSPlatforms.

Comprising straight, foldable or curved uprights, with hand and knee rails, all connected via a specially designed clamping system to allow fast assembly and accurate level adjustment (via reclamp system). No requirement for drilling, the system is mounted directly on the platform/roof.

All XSPlatforms' freestanding guardrail systems are designed to meet the requirements of EN 13374 class A and OSHA 1926 Sub M.

Component breakdown as per XSPlatforms' design:

Technical Product Specification

Uprights:

- Profile:

- Straight; 1100 mm (3 feet 7 ^{5/16} inches) high.
- Foldable; 1100 mm (3 feet 7 ^{5/16} inches) high.
- Curved; 1100 mm (3 feet 7 ^{5/16} inches) high.

- Maximum centres:

- Distance between uprights: 2.44 meters (8 feet ^{1/16} inches).

Connecting element:

- Joint-connection part; connects handrails/tubes linearly.

Handrails (tubes):

- 40 mm (1 ^{9/16} inches) diameter aluminium.

- Lengths:

- 3 or 6 meters (9 feet 10 ^{7/64} inches or 19 feet 8 ^{7/32} inches).

Counterweights:

- Every beam is combined with a counterweight of 23 kg (50.7 lbs).
- End beams of freestanding guardrail systems are combined with two counterweights.

Corner sections:

- 45° corner section; for use where uprights must be positioned directly in a corner of 45°.
- 90° corner section; for use where uprights must be positioned directly in a corner of 90°.
- Corner sections between 80° and 160° can be made with special foldable connector.

End parts:

- Closure bend; for use where handrail ends but cannot be attached to building. Connects handrail to knee rail. Can also form a designated opening in system. Requires installation of an upright with two counterweights.
- Wall end piece; for termination at a supporting wall, parapet or other structure. Fixed with four 6 or 8 mm (¹/₄ or ⁵/₁₆ inch) diameter screws. Diameter depending on the mounting surface.

Entry gate:

- Only compatible with straight (foldable) uprights.
- Can be installed anywhere along the guardrail system.
- Width of 1000 mm (39 ³/₈ inches).
- Held closed by spring-loaded mechanism.
- Additional counterweights required either side of gate.

Maximum centres:

- Between hand and knee rail and knee rail and toeboard: 470 mm (18 ½ inches).

Toeboards:

- Required where there is no parapet or where height of parapet is less than 100 mm (3 ¹⁵/₁₆ inches).
- Supplied with an attaching kit.

Finishes:

Denoted by reference suffix.

- Untreated: '-'.
 - Coated to RAL colour '-RAL'.
 - Give RAL colour reference as separate item.