

Accessories Structural Barriers

BHS Structural Barriers are highly visible safety essentials used to prevent unwanted vehicle access and to protect people, walkways, buildings, and equipment against harm or damage.



Structural Bollard

The Structural Bollard (SB) is a vertical steel post which may be set at intervals to form a protective barrier or restrict vehicle access.

Available Models

- SB-24:** 24" (610 mm) height
- SB-36:** 36" (914 mm) height
- SB-42:** 42" (1067 mm) height

Features & Benefits

- Welded steel construction
- Removable end caps
- Surface-mount bollard includes 8" x 8" (203 mm x 203 mm) base plate with four pre-drilled mounting holes (anchors included)
- Powder coat finish
- 5.5" (140 mm) overall diameter



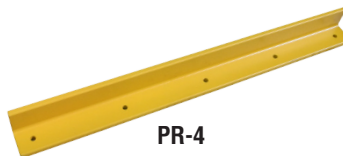
SB-36

Protective Rail

The Protective Rail (PR) is a heavy duty guard angle system which protects battery handling equipment and racking against damage at floor level. The PR is available in 3', 4', and 5' lengths (0.91 m, 1.22 m, and 1.52 m). Anchors are not included.

Available Models

- PR-4:** 4" (102 mm) height
- PR-6:** 6" (152 mm) height



Notes:

1. Single Level System Stands (BS-SL) with Drip Pans require a minimum roller height of 9.5" (241 mm) for use with PR-4, and 11.5" (292 mm) for use with PR-6
2. If PR is being used in front of Single Level System Stands (BS-SL) with an Automatic Transfer Carriage (ATC) that is utilizing a host truck with 60" (1524 mm) forks, an application review should be completed to verify there are no issues reaching the batteries on the stand.
3. Hardwood Battery Station (HBS) units with Drip Pans should only use PR-4. The PR-6 is not recommended for this application because the pans cannot be removed as intended.
4. PR should not be used with the Roller Wash Station (RWS) or Hardwood Wash Station (HWS) as the Drip Pan cannot be removed at all.

Structural Barrier Rail

The Structural Barrier Rail (SBR) is a heavy duty guardrail system used in a variety of applications, including but not limited to: forklift battery changing area, personnel walkway, warehouse racking, modular office, machinery, vehicular passageway, safety equipment, and bollard replacement. The SBR is configurable to maximize protection and prevent accidents.

Available Models

SBR-18: 18" (457 mm) height

SBR-42: 42" (1067 mm) height

Features & Benefits

- 10,000 lb (4536 kg)* impact rating at 4 mph
- Simple, drop-in rail installation with universal posts
- 18" (457 mm) high single rail and 42" (1067 mm)** high double rail configurations
- Mix and match heights as required to meet your needs
- Available rail lengths: 4', 5', 6', 7' and 8' (1.22 m, 1.52 m, 1.83 m, 2.13 m and 2.44 m) measured from post centers
- Lift-out rails allow quick access when required
- Not permanent
- Expandable to accommodate growth

* Rating is based on 7,000 lb (3175 kg)/anchor pull-out strength

** Height of 42" (1067 mm) is specified by OSHA for personnel safety



SBR-18

Product Specifications

Posts	4" x 4" x 1/4" wall square tubing 102 mm x 102 mm x 6 mm
Base Plates	8" x 8" x 1/2" (203 mm x 203 mm x 13 mm) with 9/16" (14 mm) holes for 1/2" (13 mm) anchors or mounting hardware (mounting hardware not included)
Rails	8" x 11.5 lb (203 mm x 5.2 kg) channel

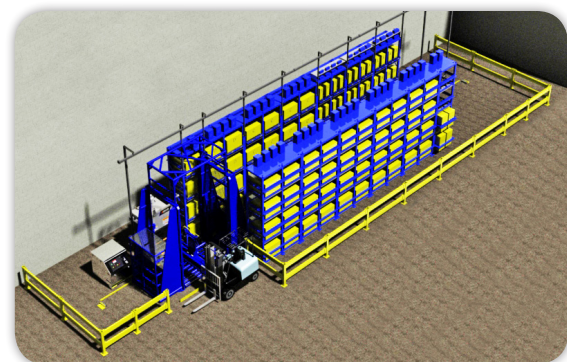


Illustration of SBR-42 in battery room application

