



ARCHITECTURAL SPECIFICATION
CB Cart Bumper

[NOTE TO SPECIFIER, SELECT PRODUCT MODEL DEPENDING ON DESIRED FINISH]

AVAILABLE FINISHES

- CB – Chrome Finish
- CB-G – Galvanized Finish

- SECTION 10 26 00 – Wall and Door Protection**
- SECTION 10 26 13 – Corner Guards**
- SECTION 10 26 16 – Cart Bumper (Floor Bumper System)**
- SECTION 10 26 16.13 – Bumper Rails**
- SECTION 10 26 23 – Protective Wall Covering**
- SECTION 10 26 23.13 – Impact Resistant Wall Protection**

PART I – GENERAL

1.01 SECTION INCLUDES

- A. This section covers the furnishing and installation of Cart Bumper System.
- B. For further information, contact Alvarado at +1 909.591.8431, or email information@alvaradomfg.com.

1.02 QUALITY ASSURANCE

- A. Manufacturer shall be a company specializing in the supply of asset protection products with a minimum of 10 years' experience.
- B. Installer shall have a minimum of three years' of experience installing similar equipment, or shall supply a factory-trained supervisor during installation of the CB bumper.

1.03 SUBMITTALS

- A. Submit manufacturer's descriptive literature for specified equipment, including options.
- B. Provide dimensional layout and installation instructions.
- C. Provide shop drawings, if required.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to job site in manufacturer's packaging undamaged, complete with installation instructions.
- B. Store off ground, under cover, protected from weather, construction activities and debris.
- C. Use forklift, pallet jack or equivalent equipment for moving.

1.05 PROJECT/SITE CONDITIONS

Install the CB bumper on a level floor.

1.06 WARRANTY

Alvarado Manufacturing Co., Inc. warrants the CB bumper from defects in material or workmanship, for the period of ONE YEAR from date of shipment. Complete details of the warranty are available from Alvarado by request

PART II – PRODUCTS

2.01 MANUFACTURER

Alvarado Mfg. Co., Inc. 12660 Colony Street, Chino, CA 91710.

PRODUCT

The CB bumper, no substitutions. Includes the following option: 135° CB (CB-135).

2.02 CONSTRUCTION

- A. CB Rail: 11-gauge steel, chrome-plated or hot-dip galvanized finish.
- B. Spring Post: 7-gauge spring steel, powder-coated in Bengal Silver.
- C. End Caps: Cast aluminum.

2.03 EQUIPMENT

- A. General: The CB bumper is designed to provide case and wall protection.
- B. Length: Standard single channel lengths include: 2', 3', 4', 5', and 6'. Individual sections can be joined to create longer runs as required by the application.

2.04 FINISHES

[NOTE TO SPECIFIER: Select the finish desired]

- A. Hot-Dip Galvanized: The CB rail is hot-dip galvanized to ASTM Standard A 123/A 123M-02.
- B. Chrome Plated: The CB rail is chrome-plated.

2.05 OPTIONS

[NOTE TO SPECIFIER: Select the options desired]

- A. 135° Ends: The CB rail is bent to a 135° angle with one side extending approximately 6" from the corner and the other side extending 4.25". One end has a welded cap, and the other end has two (2) holes in which an additional CB rail and spring post can be added for additional case protection around corners.

2.06 FACTORY TESTING

- A. Product shall be fully tested at the factory to ensure proper functionality.
- B. Inspect product finish. Touch up prior to shipment.

PART III – EXECUTION

3.01 SITE EXAMINATION

- A. Inspection: Installer must examine the installation location and advise the Contractor of any site conditions inconsistent with proper installation of the product. Installation shall not begin until unacceptable conditions are rectified. These conditions include but are not limited to the following:
 - 1. Product must be installed on level concrete.
- B. Installation: The installer should perform the installation, in consultation with the owner or end user, following the practices and installation guidelines that come with the product.
- C. Cleaning: Clean metal surfaces carefully after installation to remove excess caulk, dirt and labels.

Note: This specification includes recommended options. Alvarado Mfg. Co., Inc. reserves the right to change this specification at any time without notice.