

# Nelplas Wall Protection Systems

## Nelplas® 810 Series Crash Rails

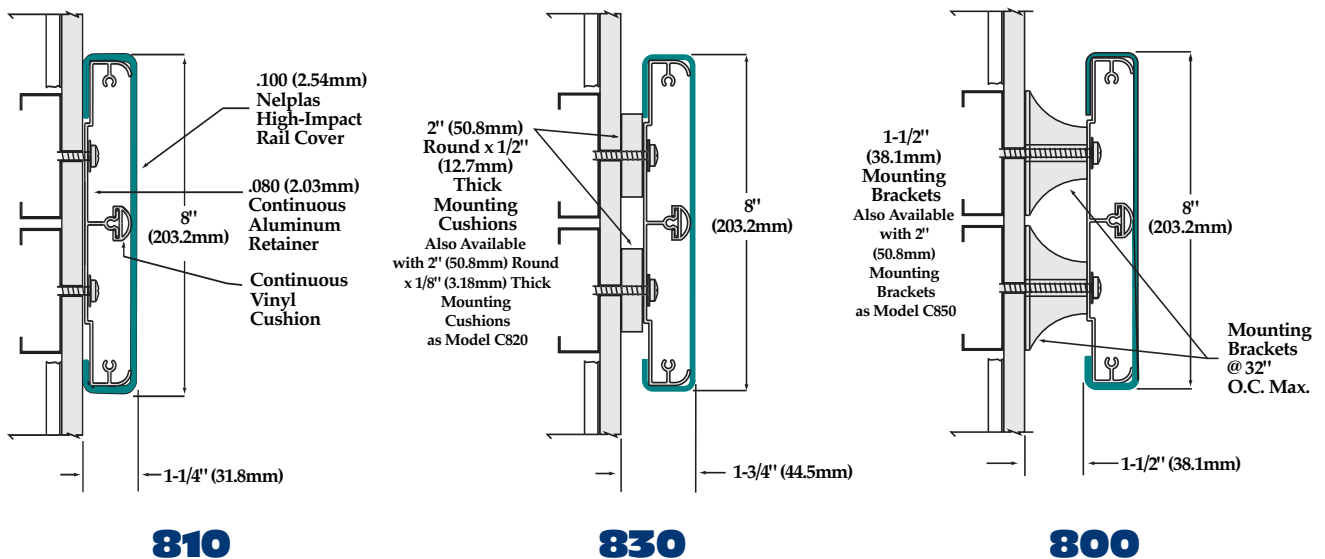


**NELPLAS** 810 Series Crash Rails are 8" (203.2mm) high with a full-length vinyl bumper and continuous aluminum retainer. 810 Series Crash Rails combine a wide area of protection and a variety of mounting options to meet every impact need. **NELPLAS** rugged durability makes C800-Series Crash Rails best suited for high-impact areas.

| 810 SERIES | ACCESSORY ITEMS  |
|------------|------------------|
| 810 E      | Standard End Cap |
| 810 C      | 90° Corner Cap   |
| 810 D      | 135° Corner Cap  |
| 810 S      | Splice Kit       |
| 800 E      | Extended End Cap |

**NELPLAS** 810 Series Crash Rails are backed by a limited five-year warranty. All Crash Rails are Class I/A fire rated and meet national building code standards.

For more information on **NELPLAS** Crash Rails or the **NELPLAS** Wall Protection System, please call your local **NELPLAS** distributor or 800-628-0449.



# Product Guide Specification

## SECTION 10 26 00 CRASH RAILS

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

8" (203.2mm) Crash Rails.

#### 1.02 SUBMITTALS

- A. Comply with requirements of Section 01 33 00 - Submittals.
- B. Product Data: Submit manufacturer's product data.
- C. Shop Drawings: Submit shop drawings showing components, dimensions, and anchorage details.
- D. Samples: Submit 12" (304.8mm) long sample of each model and color specified, including end caps and corner units, for Architect's approval.
- E. Certification: Submit manufacturer's certification indicating compliance with ADA requirements.

#### 1.03 QUALITY ASSURANCE

Comply with NFPA 101® for interior finish materials. Smoke developed less than 450 and flame spread of 25 or less in accordance with ASTM E 84.

#### 1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly indicating manufacturer and material.
- B. Storage: Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURER

Nelplas Wall Protection Systems  
A Division of RJF International Corporation

#### 2.02 CRASH RAILS

Nelplas 810 Series Crash Rail: Crash Rail mounted over continuous aluminum retainer and full-length vinyl bumper cushion. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.

#### 1. Dimensions:

- a. Height: 8" (203.2mm).
  - b. Width: 1-1/4" (31.8mm).
  - c. Clearance from Wall: [Model 810, flush with wall] [Model 820, 1/8" (3.18mm)] [Model 830, 1/2" (12.7mm)] [Model 800, 1-1/2" (38.1mm)] [Model 885, 2" (50.8mm)].
- 2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.100" (25.4mm) thick. Class I/A fire rating, tested in accordance with ASTM E 84.
  - 3. Extrusion: Pebble grain finish. Contains EPA registered Micro-Chek antimicrobial agent.
  - 4. Retainer: Continuous 6063-T6 aluminum retainer along entire length of Crash Rail, minimum 0.080" (2.03mm) thick.
  - 5. End Caps: Injection molded, preassembled wall return unit of color and texture similar to that of rail.
  - 6. Corners: Internal and external corner units of similar material to end cap units. Carry line of Crash Rail continuously around corner unless otherwise indicated on drawings.

### PART 3 EXECUTION

#### 3.01 EXAMINATION

Inspect wall surfaces to receive Crash Rails. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

#### 3.02 INSTALLATION

- A. Install Crash Rails to walls securely in accordance with manufacturer's written instructions.
- B. Install Crash Rails accurately in location, alignment, and elevation
- C. Provide horizontal steel stud back-up in drywall stud cavity to accept fasteners.

**NELPLAS®**  
Wall Protection Systems

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NFPA 101® is a registered trademark of the National Fire Protection Association