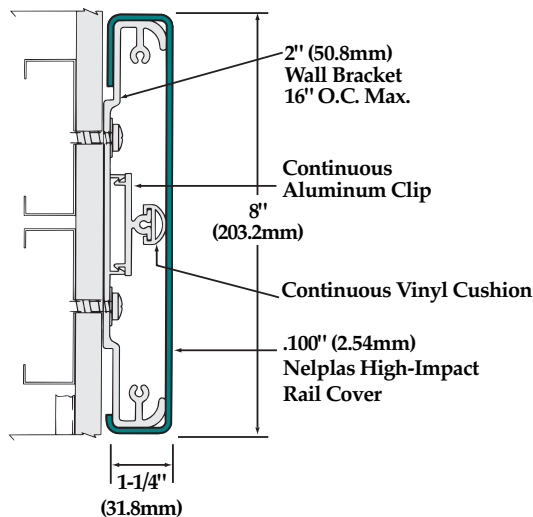


Nelplas Wall Protection Systems

Nelplas® 850 Crash Rail



850

The **NELPLAS** 850 Crash Rail is 8" (203.2mm) high with a full-length vinyl bumper and continuous aluminum retainer. The C870 Crash Rail combines wall brackets with a 2" (50.8mm) continuous retainer strip to provide an impact-resistant barrier. **NELPLAS** rugged durability makes the 850 Crash Rail best suited for medium- to high-impact areas.

The **NELPLAS** 850 Crash Rail is backed by a limited five-year warranty. All Crash Rails are Class I/A fire rated and meet national building code standards. All **NELPLAS** linear profiles color-coordinate with a multitude of **NELPLAS**® Wallcoverings for a systems approach to wall protection.

850	ACCESSORY ITEMS
810 E	Standard End Cap
810 C	90° Corner Cap
810 D	135° Corner Cap

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 850 Crash Rail: Crash Rail mounted over 2" (50.8mm) wall brackets and continuous aluminum retainer with 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: Flush with wall.
- 2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.100" (2.54mm) 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: 2" (50.8mm) continuous 6063-T6 aluminum retainer along entire length of Crash Rail, minimum 0.080" (2.03mm) thick, locked on 2" (50.8mm) retainer clips.
- 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

0800-628-0449 • www.nelplas.com • Division 10 26 00

® is a registered trademark of RJF International Corporation.

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