

Nelplas Wall Protection Systems

Nelplas® Crash Rail with Glow-in-the-Dark Accent Strip



Shown in Light Conditions



Shown in Dark Conditions

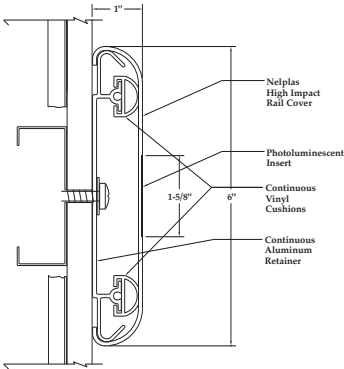
The **NELPLAS** 670 PL Photoluminescent Crash Rail with Glow-in-the-Dark Accent Strip is a 6" rail with a full-length vinyl cushion and continuous aluminum retainer. A photoluminescent accent strip is added to the profile extrusion, making the rail visible in total darkness for a period of at least five hours after exposure to normal light conditions.

The glow-in-the-dark accent strip serves as an additional way-finding egress in case of evacuations due to a power outage or fire. Best suited for medium- to high-impact areas. The Photoluminescent Crash Rail creates a unique combination of safety and protection for use in any interior setting subject to transient occupancy.

The Photoluminescent 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.

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

670 PL	ACCESSORY ITEMS
670 E	End Cap (Foam Cushion)
670 C	90° Outside Corner Cap (Foam Cushion)
670 S	Splice Kit
673 E	Rigid End Cap (Plastic)
673 C	90° Rigid Corner Cap (Plastic)
673 D	135° Rigid Corner Cap (Plastic)
685 E	Extended End Cap



670 PL

Product Guide Specification

SECTION 10 26 00 CRASH RAILS

PART 1 GENERAL

1.01 SECTION INCLUDES

6" (152.4mm) 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.

1.03 QUALITY ASSURANCE

- A. 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.
- B. Comply with NFPA 101 Section 7.10—Marking of means of egress.
- C. Comply with ASTM E 2072 standard specification for light emitting safety markings.
- D. Comply with IMO Resolution A.752.18 guidelines for evaluation, testing, and application of low lighting on passenger ships.

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 670 PL Crash Rail: Crash Rail mounted over continuous aluminum retainer and two continuous vinyl bumper cushions. Photoluminescent (PL) insert centered in profile extrusion to provide glow-in-the-dark pathway marking along entire crash rail length. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.

- 1. Dimensions:
 - a. Height: 6" (152.4mm).
 - b. Width: 1" (25.4mm).
- 2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.078" (1.98mm) thick. Class I/A fire rating, tested in accordance with ASTM E 84.
- 3. PL Strip: 1-5/8" (41.3mm) wide strip of high-performance photoluminescent flexible vinyl.
- 4. Extrusion: Pebble grain finish. Contains EPA registered Micro-Chek antimicrobial agent.
- 5. Retainer: Minimum 0.062 (1.57mm) thick 6063-T6 aluminum.
- 6. End Caps: [Foam cushion] [Rigid plastic] wall return unit of color and texture similar to that of Rail.
- 7. Corners: External corner units of similar material to end cap units. Carry line of Crash Rail continuously around corner, unless otherwise indicated on drawings.
- 8. Color: Color to be selected by Architect from manufacturer's standard colors.

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