

## C500-SERIES CRASH RAILS

Korogard C500 Crash Rail is 5" (127mm) high with a standard continuous aluminum retainer. The C500 Crash Rail combines a sleek, elliptical design with a variety of mounting options\* to meet your wall protection needs. Korogard rugged durability makes the rail an ideal choice for medium- to high-impact areas.

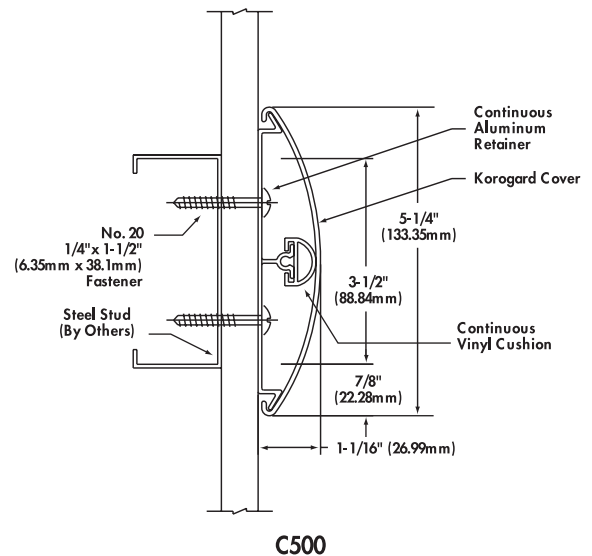
Korogard C500 Crash Rails are backed by a limited five-year warranty. All Crash Rails are Class A fire rated and meet national building code standards.

For more information on Korogard Crash Rails or the Koroseal Wall Protection System, please call your local Korogard distributor.

\* Additional mounting options including clip-mounted versions are also available. Please refer to Product Guide Specification for additional details.

### C500 SERIES ACCESSORY ITEMS

<b>C501</b>	Standard End Cap
<b>C503</b>	90° Corner Cap
<b>C504</b>	135° Corner Cap
<b>C505</b>	Splice Kit
<b>C541</b>	Extended End Cap



## SECTION 10 26 00 CRASH RAILS

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

- 5" (127mm) 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 applicable building code requirements.

#### 1.03 QUALITY ASSURANCE

- Comply with NFPA 101<sup>®</sup> 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

- Koroseal Wall Protection Systems,  
A Division of RJF International Corporation.

#### 2.02 CRASH RAILS

Koroseal "Korogard" C500-Series Crash Rail: Crash Rail mounted over continuous aluminum retainer and continuous vinyl bumper cushion. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.

- 1. Dimensions:
  - a. Height: 5" (127mm).
  - b. Width: 1" (25.4mm).
  - c. Clearance from Wall: [Model C500, flush with wall]  
[Model C520, 1/8" (3.18mm)]  
[Model C530, 1/2" (12.7mm)]  
[Model C540, 1-1/2" (38.1mm)]  
[Model C550, 2" (50.8mm)].
- 2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.078" (1.98mm) thick. Class A fire rating, tested in accordance with ASTM E 84.
- 3. Extrusion: Pebble grain finish.
- 4. Retainer: Nominal 0.060" (1.52mm) thick 6063-T5 aluminum.
- 5. End Caps: Injection-molded, preassembled of color and texture similar to that of rail.
- 6. Corners: External corner units of similar material to end cap units. Carry line of Crash Rail continuously around corner, unless otherwise indicated on drawings.
- 7. 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.