

## ALUMINUM CRASH RAIL

Model(s): BCRAE4-BS/BCRAE4-B12/BCRAE4-B13

### GENERAL DESCRIPTION



Babcock-Davis' Aluminum Crash Rails are designed to protect your walls from carts and beds while providing a high-tech appearance.

### Introduction + Safety

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the Expansion Joint, the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

**GENERAL SAFETY PRECAUTIONS** Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through its own analysis to select products suitable for their specific application requirements, ensure they are properly maintained, and limit their use to its intended purpose. Follow proper local, state and federal regulations for proper installation and operation requirements.

### Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

### INSTALLATION

1. Measure and mark centerline of rail brackets on wall or partition This height is obtained by subtracting 2" from desired height of top of rail.
2. Measure and mark location of the ends or returns, corners, and joints between abutting lengths, if any, on wall of partition centerline (see Standard Plan Detail). These marks will also indicate the location of rail-end mounting bracket fasteners.
3. Measure and mark intermediate mounting bracket fastener locations on wall or partition. Mounting brackets are required at least every 32" O.C. max.
4. Drill mounting bracket fastener holes at locations marked.

5. Mount Brackets. For most drywall applications, we recommend 1/4"-20 round head bolts and 1/4" size BB strap-type Toggler brand toggles by Mechanical Plastics. For most masonry applications, we recommend 1/4" lag screws and size A-6 Toggler brand "alligator" anchors by Mechanical Plastics.
6. Mount end returns and corners.
7. Measure and cut rail sections to length as required.
8. Drill and countersink rail sections for 1/4" - 20 attachment screws, using an 9/32" drill and an 82° countersink. Drill one hole on each end of rail section, and two holes for intermediate mounting brackets using layout dimensions shown. Use care to avoid countersinking holes too deep.
9. Mount rails sections to brackets.
10. Clean rail and brackets.

## OPERATION

Crash Rails are designed and built for years of dependable service.

## MAINTENANCE:

1. Use mild detergent to clean soiled surfaces. Pen marks, paint and graffiti generally wash off easily with mild soap and water. Completely rinse the surface with clean water when complete.

## QUESTIONS?

For more information on installation, repair or replacement, please visit  
[www.Babcockdavis.com](http://www.Babcockdavis.com)