**Wood Crash Rails**

**Models: WCRB-4, WCRB-6**

**Important Notes:**

1. Locate and install Crash Rail in accordance with architectural drawings and specifications. When required, shop drawings should be used in conjunction with these documents
2. Locate the packing slip(s) and inspect all material for damages or missing parts. If products are damaged, notify the factory immediately and leave the products in their packaging. If products are signed and received without reporting damages, you waive your right to a freight claim and will be responsible for their replacement cost.
3. Materials shipped unassembled. Store vertically or on a flat horizontal surface
4. Store material vertically or on a flat horizontal surface in a clean, dry location at room temperature between 65° F (18° C) and 77° F (25° C).
5. Begin installation only after finish construction has been completed and building interior has been within temperature range intended for continued use for at least 24 hours. Cut vinyl and aluminum components to fit only after they have been at temperature intended for continued use for 24 hours.
6. Read the instructions thoroughly before beginning installation.

**Installation**

1. Measure and mark centerline of crash rail on wall or partition. Locate this centerline by subtracting 2-7/8" [73mm] from the desired finished height of the crash rail.
2. Measure and mark crash rail section and points on wall or partition (See standard plan detail).
3. Measure and mark fastener holes. Locate holes on fastener centerline 32"[812.8mm] O.C. maximum, unless otherwise specified, and at distances from ends of sections as shown on standard plan detail.
4. Measure and plan crash rail lengths. Since crash rail is furnished in random lengths, it is important to plan carefully to obtain maximum yield. Where splices are necessary, for maximum strength and appearance we recommend mitering both pieces to be joined at 45°. Glue and connect splice as shown on the assembly detail. Allow extra stock on crash rail sections requiring these miter joints.
5. Glue end plugs at both ends of each crash rail section.
6. Install aluminum bumper retainer. Cut retainer 2"[50.8mm] shorter than crash rail lengths. Locate joints so they do not align with splices in crash rail. Secure to crash rail with the #8 x 9/16" screws provided.
7. Pre-drill fastener holes in wall or partition. Make hole diameter as small as possible allowing for fasteners. For most applications, we recommend 1/4-20 round head machine screws and alligator anchors
8. Pre-drill holes in crash rail sections to align with holes in wall or partition. Make hole through the aluminum bumper retainer and crash rail as small as possible allowing for fasteners.
9. Secure rail assemblies to wall or partition.
10. Install vinyl bumper. Cut bumper to length from coils provided. For corners, notch the back of the vinyl bumper to allow it to bend around the corner, or miter the vinyl bumper and glue ends with PVC cement.
11. Finish ends of crash rail with stain provided.
12. Clean soiled surfaces, and touch up any joints.