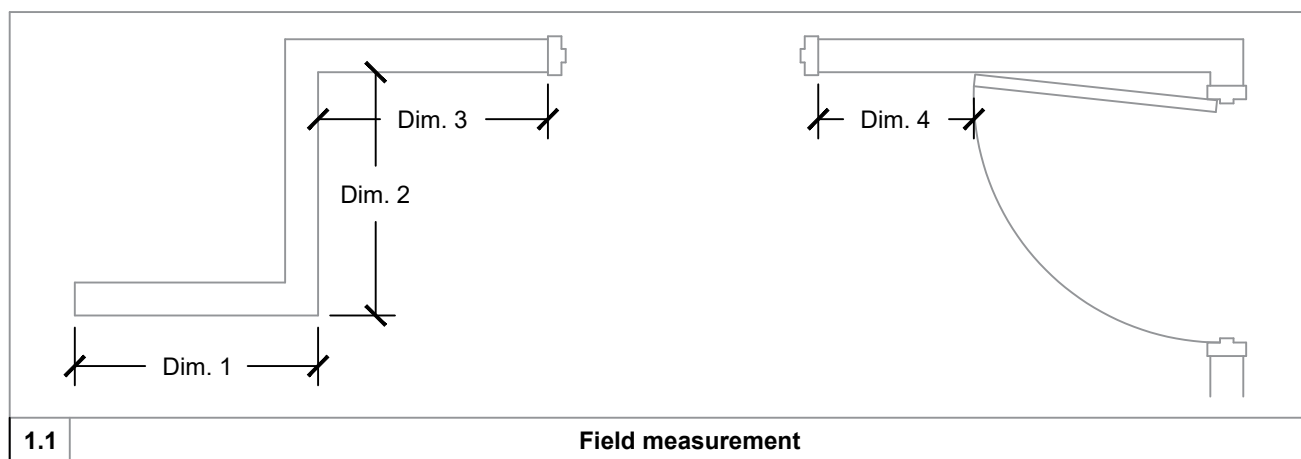


BCR-4SS Crash Rail

Field Measurement

- BCR-4SS series crash rail is manufactured in accordance with field dimensions provided by the customer. Accuracy of field measurements is crucial to the success of final installation. Pre-drilled holes are available, but only recommended for walls with continuous backing
- All dimensions should represent actual field conditions from end point to end point (see figure 1.1). Please advise the factory if any deductions are required. It is recommended to allow 1" clearance between returns and field measured end points.
- Some dimensional limitations exist. For example, some dimensions may be too short. It is best to supply dimensions for all areas where crash rail is desired, and the factory will advise if any issues exist.

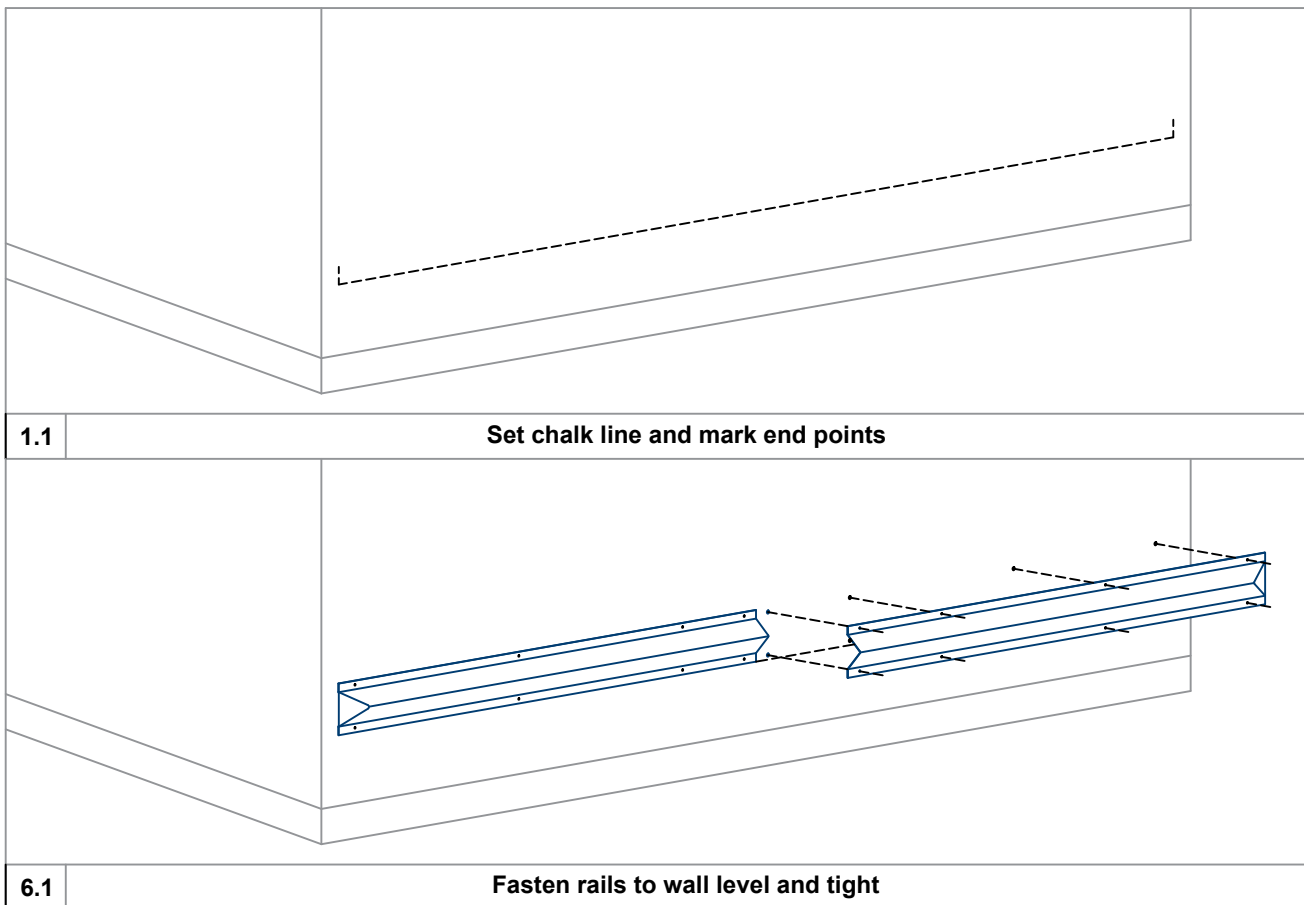


DISCLAIMER: Please read all instructions before beginning installation. These guidelines are provided in good faith to help prevent any problems caused by errors in installation. The manufacturer of this product shall not be held responsible for installation actions taken or not taken. There are many details of installation that are assumed to be general construction knowledge to experienced installers; which are not included in these instructions. These installation guidelines are intended to be strictly recommendations and are not to serve as a step-by-step, fail-safe installation checklist. Selection of an experienced installer is the sole responsibility of the project owner and architect. Protek Systems, Inc. does not accept any responsibility for job failure resulting from or associated with improper site environmental conditions and installation failure due to expansion contraction issues.

BCR-4SS Crash Rail

Installation Instructions

1. Set a laser or chalk line at the desired height. Measure and mark end points of the crash rail on the wall (see figure 1.1).
2. Lay out the crash rails in the proper locations per the shop drawings.
3. Dry fit the rails and mark the mounting hole locations on the wall.
4. Once the mounting locations are marked on the wall, pilot holes can be drilled. Use caution when drilling the mounting holes in the wall so that proper alignment is maintained.
5. Then, fasten rails to the wall with the appropriate hardware. To facilitate a level installation, do not fully tighten the fasteners until all fasteners are partially installed.
6. For multi-sectioned crash rails and to ensure the best fit at butt joints, fully install each section before beginning installation of adjoining sections to ensure butt joints are tight (see figure 6.1).



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