

**Drywall**
**09.22.00 (Support for Plaster & Gypsum Board)**

## **Strait-Flex® X-Crack**

### **Framing Alignment**

X-Crack's rigid design, hinged backbone, and flexible tab design will straighten all uneven framing members. This pre-straightening of sub-structure will eliminate the need of all pre-filling due to irregularities of framing members. It makes easy work of intricate ceiling applications that have no backing.

- Eliminates ceiling cracks and straightens uneven framing
- Drywall ceiling areas that use wood roof trusses or conventional wood framing members
- Intricate ceiling applications, such as tee-pee ceilings in octagon rooms and butterfly vaults
- Areas where framing members are out of alignment
- Ceiling areas where drywall is not properly supported
- Ceiling areas where movement may occur
- Stainless steel construction for long-life

### **Product Data & Ordering Information**

Product Code	Width	Case Pack	Case Weight	Wholesale Case Cases/Pallet
X-R	4-1/4" x 100'	10pc., 10' long (100 lf)	21 lbs.	24 or 48



### **Code Approvals & Performance Standards**

- [ASTM C1047](#) Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base

### **Installation:**

- Fasten X-Crack to ceiling trusses or conventional framing members before drywall installation.
- (1) Adjust X-Crack to angle of corner. For inside corners, surface of PVC hinge faces framing members. For outside corners, surface of PVC hinge faces out (2) Using drywall screws, first fasten X-Crack at end of lengths. Align center and fasten to framing members. Overlap X-Crack approximately one inch at joints.

Let X-Crack float over irregular framing members to create a straight line. Six screws per length is all that is required to hold X-Crack in place. The last screws in the field secures drywall to ceiling - and the screws through drywall into body of X-Crack secures inside corners. Install drywall over X-Crack with fine or coarse drywall screws.

- (3) Be sure the drywall screws penetrate the X-Crack product but miss the truss or ceiling joint by 2 to 4 inches (4) The last screw in the field should be 10 to 12 inches away from X-Crack. This allows ceiling members to move independently of drywall joint. Use Strait-Flex Gold or Mid-Flex drywall tape to finish the application.

X-Crack's patented hinge and flexible tab design holds drywall joints stationary while structural framing members are allowed to move independently of the drywall.

- (5) Causes for this movement may be due to lumber shrinkage, snow or wind loads, expansive soil, and truss uplift (6) Screws that secure X-Crack to ceiling member Penetrates: X-Crack, Framing Member (7) Screws that secure drywall to X-Crack; Penetrates: Drywall, X-Crack (8) Last screws in field; Penetrates: Drywall, Framing Member

### **Storage**

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from weather and moisture.

