

INTRODUCING REVOLUTIONARY I-JOIST STRUCTURAL BRACING

# FLOORLOCK<sup>®</sup>

HIGH CAPACITY HIGH PERFORMANCE  
FLOOR JOIST BRACING SYSTEM

**FEATURES:**

- ✓ Optimized floor load sharing reducing floor bounce by up to 300%
- ✓ Floor joist rollover protection
- ✓ USA patented technology



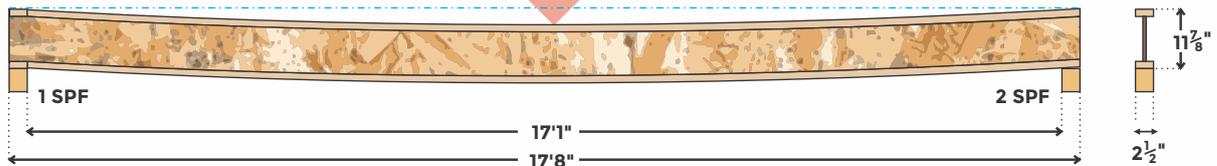
**FLOORLOCK BRACING FORCES JOISTS TO WORK TOGETHER  
SPREADING THE LOAD TO THE ADJACENT JOISTS**



## HOW TO TAKE THE BOUNCE OUT OF YOUR FLOOR?

**LESS DEFLECTION = LESS BOUNCE = BETTER PERFORMING FLOORS**

# FLOORLOCK<sup>®</sup> FIXES THIS!



### 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)

Mid Span Deflection  
**WITHOUT FLOORLOCK** (Inches)

**0.569"**

Equivalent APA Wood PRI Joists  
PRI 60- 2 x 3 MSR Lumber Flange  
17' - 1 span = 205 inches  
11-7/8 @16 OC spacing  
Allowable LL deflection at L/360 is 0.569  
Allowable TL deflection at L/240 is 0.860

Mid Span Deflection  
**WITH FLOORLOCK**

**0.183"**

Equivalent APA Wood PRI Joists  
PRI 60- 2 x 3 MSR Lumber Flange  
17' - 1 span = 205 inches  
11-7/8 @16 OC spacing  
450 lb. midspan load - 0.183"

**300%  
BETTER  
PERFORMANCE**

ONE DOUBLE ROW OF **FLOORLOCK**<sup>®</sup> INSTALLED MID-SPAN ELIMINATES BOUNCY FLOORS!

FLOORLOCK braces fasten to each side of the I-Joist and underneath the joist providing a cradle. This design provides superior lateral strength as well as improved load bearing capabilities.



FLOORLOCK braces are designed for both new construction and retrofits. FLOORLOCK braces are easily installed before the floor goes in or after the floor is installed.

### INSTALLATION ADVANTAGES:

- ✔ **Saves time:** FLOORLOCK does your joist spacing for you, eliminating the need for temporary bracing
- ✔ **Safe:** I-joists are locked together making laying the sub floor safer
- ✔ **Strong:** floorlock is much stronger and easier to install than wood blocking

#### NEW CONSTRUCTION



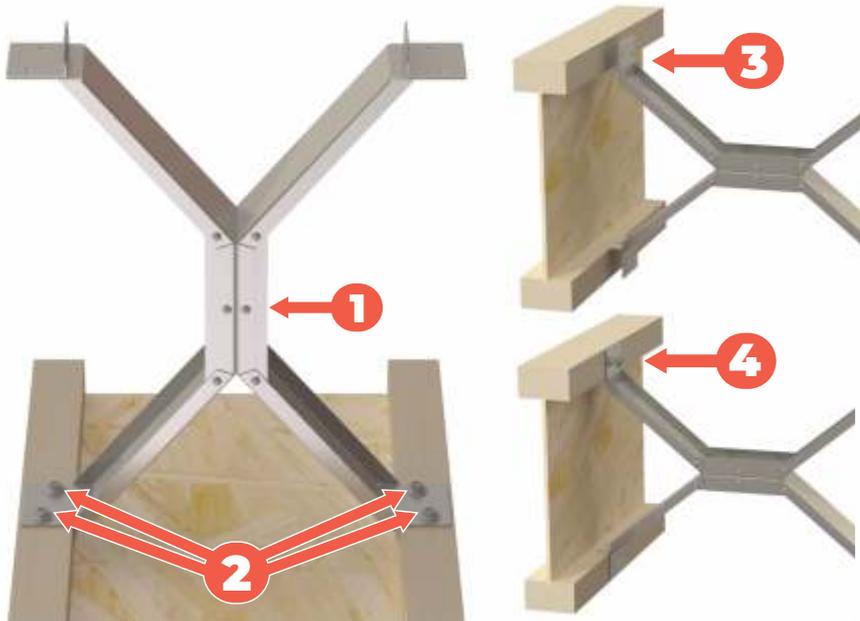
#### RETROFIT



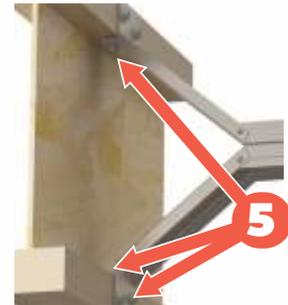
# FLOORLOCK® INSTALLATION GUIDE

**NOTE:** Floorlock fasteners are engineered to fasten steel to wood as well as steel to steel, which means one fastener is used for all connections. Screws are supplied in the box.

## NEW CONSTRUCTION



- 1** Fasten top brace to bottom brace with 2 screws.
- 2** Fasten one side of brace to I-Joist as shown - 3 screws per leg.
- 3** Roll the I-Joist and lock into position as shown.
- 4** Fasten top brace to I-Joist with 2 screws to secure in position.
- 5** Once sub floor has been installed, fasten the remainder of fasteners to I-Joist as shown.



## RETROFIT CONSTRUCTION



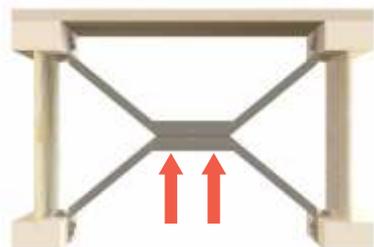
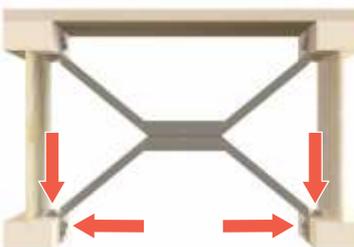
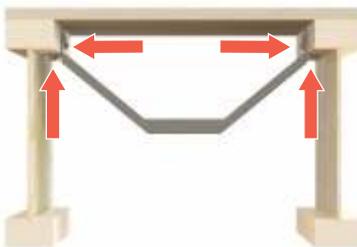
- 1** Install top brace to I-Joist as shown (3 screws each leg).



- 2** Install bottom brace to I-joist as shown (3 screws each leg).



- 3** Fasten top brace to bottom brace as shown (2 screws).



**PRODUCT CODE** FL16OC11-7/8



**BURMON FLOORLOCK BRACE**  
(Width 16in On Center, I-Joist Height 11-7/8 inches)

**20 SETS PER BOX**  
(One set equals 1 top & 1 bottom brace plus Fasteners)

**PACK WEIGHT PER BOX**  
40.4 POUNDS

**50 BOXES PER PALLET**

**PRODUCT CODE** FLPASS16OC11-7/8

**BURMON FLOORLOCK PASSTHROUGH BRACE**  
(Fully adjustable to suit 9½ to 2 feet widths and all depths)

**20 SETS PER BOX**  
(One set equals 1 top & 1 bottom brace plus Fasteners)

**PACK WEIGHT PER BOX**  
40.4 POUNDS

**50 BOXES PER PALLET**

