

**MBG** – Grip tooth bridging. Features special teeth which grip joists and provide easy single-nail installation. Can be installed after subfloor is in place.

**MB16** – Snap-on, no-nail bridging can be placed in existing floor systems where joist movement is suspected. Two-piece construction creates a solid diagonal brace against joist movement.

**Materials:** See chart

**Finish:** G90 galvanizing

**Codes:** IBC, FL, LA

**Installation:**

- Use specified fasteners in models with fastener requirements.
- For all models – Bridging should be installed on floor joists with a nominal depth-to-thickness ratio of 5 to 6 or more (2018 National Design Specification for Wood Construction; Section 4.4.1). Bridging units should be installed in pairs at intervals of 8' or less. Bridging pairs should form an "X" between joists; leave a slight space between the units to avoid noise-generating contact. Follow specific installation instructions below for particular models.
- **MBG** – May be installed before or after sheathing. Position the unbent end of the bridging unit near the top of the joist and drive prongs into wood with a hammer blow to the heel of the bent end. Wedge bent end near the lower edge of the opposite joist, set teeth into wood with hammer blow. Nail holes are provided at the bent end if prongs are damaged during installation. Fully seat nails to avoid any movement against the bridging and subsequent floor noise.
- **MB16** – Two-piece unit is shipped as one piece. Bend unit in center up and down to break into two pieces. Slide narrower piece inside wider piece, setting the end tab into slot appropriate for joist spacing. Setting one prong end near the top of one joist and the opposite prong end near the bottom of the opposite joist, pull down on the center of the bridging until the wider piece snaps into place over the narrow piece and creates a rigid, one-piece bridging unit. Wear gloves during installation.



**MB16**



**Typical MB16 installation**



**Step 1**



**Step 2**

**Typical MBG installation**

Joist Size	Joist Spacing O.C. (in) <sup>1</sup>	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule <sup>2</sup>		Code Ref.
					W	L	Qty	Type	
2 x 8	12	MBG812	NCA2X8-12	22	15/16	11-3/4	1	8d x 1-1/2	IBC, FL, LA
2 x 10	12	MBG1012	NCA2X10-12	22	15/16	12-3/4	1	8d x 1-1/2	
2 x 12	12	MBG1212	NCA2X12-12	22	15/16	14	1	8d x 1-1/2	
2 x 14	12	MBG1412	--	22	15/16	16	1	8d x 1-1/2	
2 x 16	12	MBG1612	--	22	15/16	17	1	8d x 1-1/2	
2 x 8-10-12	16	MB16	--	22	11/16	--	--	--	
2 x 8	16	MBG816	NCA2X8-16	22	15/16	15-9/16	1	8d x 1-1/2	
2 x 10	16	MBG1016	NCA2X10-16	22	15/16	16-5/16	1	8d x 1-1/2	
2 x 12	16	MBG1216	NCA2X12-16	22	15/16	17-1/4	1	8d x 1-1/2	
2 x 14	16	MBG1416	--	22	15/16	18-7/16	1	8d x 1-1/2	
2 x 16	16	MBG1616	--	22	15/16	19-5/8	1	8d x 1-1/2	
2 x 8	24	MBG824	--	22	1-5/16	23-1/2	1	8d x 1-1/2	
2 x 10	24	MBG1024	--	22	1-5/16	24	1	8d x 1-1/2	
2 x 12	24	MBG1224	--	22	1-5/16	24-3/4	1	8d x 1-1/2	
2 x 14	24	MBG1424	--	22	1-5/16	25-5/8	1	8d x 1-1/2	
2 x 16	24	MBG1624	--	22	15/16	26-5/8	1	8d x 1-1/2	

1) Joist spacing is based on a 1-1/2" joist, consult MiTek regarding wider joist applications.

2) **NAILS:** 8d x 1-1/2 nails are 0.131" dia. x 1-1/2" long.

