



## **Installation Instructions For Integrated Structural Solution 210NR Joint Reinforcers**

### **Product Use**

Use the 210NR Joist Reinforcer to reinforce 2x10 joists, overlain by plywood or OSB sheathing, with notches in their tops.

### **Installation Limitations**

- ✓ **Joists** – Joists must be 2x10 solid sawn No. 2 Southern Pine Lumber with a clear span not exceeding 15 feet.
- ✓ **Reinforcer Location** – The center of the Reinforcer must be at least 12” from any support of the joist.
- ✓ **Notch Location** – The notch in the joist must be in the top , beneath overlying sheathing.
- ✓ **Notch Size** - The notch in the joist may be no larger than notch in the Reinforcer.
- ✓ **Number of Reinforcers** – One Reinforcer per joist may be applied.
- ✓ **Non-Compliant Installations** – It is often possible to use Reinforcers in conditions not complying to these limitations. Contact Metwood for custom installation instructions and a corresponding engineering certification.

### **Installation Instructions**

1. Center the notch in NR Reinforcer on the notch in the top of the affected joist, placing it against the face of the joist with the top flange of the Reinforcer in contact with the underside of overlying plywood or OSB sheathing.

2. Place a No. 12 wood screw in each of the 10 holes in the Reinforcer driving each snugly into the joist. Proper size screws are provided with the Reinforcer.

