Fastening Identification / Features

**Round Holes:**
Always fill all (normal-size) round nail holes, unless otherwise noted.

**Diamond Holes:**
Optional nailing for maximum listed capacity or for temporary hanger fastening during installation.

When there are **MIN** and **MAX** values:
- **MIN:** fill all round nail holes
- **MAX:** fill all round and diamond holes

**Large Round Holes:**
For concrete/masonry installation; no need to be filled when connected to wood. Large round holes may be used for manufacturing which do not require a fastener. Verify fastener schedule in catalog.

**Obround Holes:**
For ease of nailing at a tight location; always fill.

**Dimple Holes:**
Guide double shear nails into the joist and header at a 30° to 45° angle

**Bend line holes**
Drive bend line nails into header at 45° to achieve published strength

**Typical I-Joist Nailing**
- Seat Cleat® helps lock I-Joist into place for positive seating and nailing ease
- Do not nail through the Seat Cleat®

**Common Nailing Errors**

**Wrong Angle**
When a nail is driven into the bottom flange of the wood I-Joist parallel to the glue lines, separation of veneers can occur which substantially reduces the design loads of the connection.

**Nail Too Long**
When using nails longer than MiTek’s recommended nails, bottom flange splitting may occur. Also, this can raise the wood I-Joist off the seat, resulting in uneven surfaces and squeaky floors along with reduced design load.