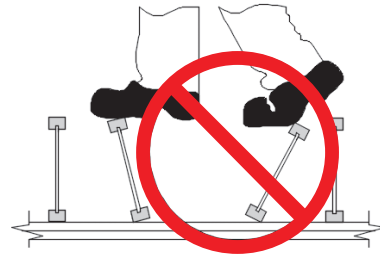


Safety & construction precautions

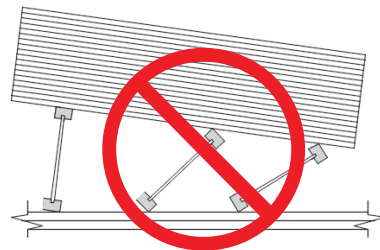
WARNING: I-Joists and LVL beams are not stable until completely installed, and will not carry any load until fully braced and sheathed.

1. Avoid accidents by following these important guidelines:
2. Brace and nail each I-Joist as it is installed, using hangers, blocking panels, rim board, and/or cross-bridging at joist ends.
3. When the building is completed, the floor sheathing will provide lateral support for the top flanges of the I-Joists. Until this sheathing is applied, temporary bracing, often called struts, or temporary sheathing must be applied to prevent I-Joist rollover or buckling.
 - Temporary bracing or struts must be at least 2.5 m long and spaced no more than 2.5 m on center, and must be secured with a minimum of two 3.15 x 65 mm nails fastened to the top surface of each I-Joist. Nail bracing to a lateral restraint at the end of each bay. Lap ends of adjoining bracing over at least two I-Joists.
 - Or, sheathing (temporary or permanent) can be nailed to the top flange of the first 2.5 m of I-Joists at the end of the bay.
4. For cantilevered I-Joists, brace top and bottom flanges, and brace ends with closure panels, rim board, or cross-bridging.
5. Install and nail permanent sheathing to each I-Joist before placing loads on the floor system. Then, stack building materials over beams or walls only.
6. Never install a damaged I-Joist or beam.

Improper storage or installation, failure to follow applicable building codes, failure to follow span ratings for Dindas I-Joists, failure to use allowable hole sizes and locations, or failure to use web stiffeners when required can result in serious accidents. Follow these installation guidelines carefully.



Do not allow workers to walk on I-Joists until they are fully installed and braced, as serious injuries can result.



Never stack building materials over unbraced I-Joists. Stack only over braced beams or walls. See Technical Bulletin 'Temporary Construction Loads Over I-Joist Roofs and Floors' for additional information regarding proper stacking of building materials.