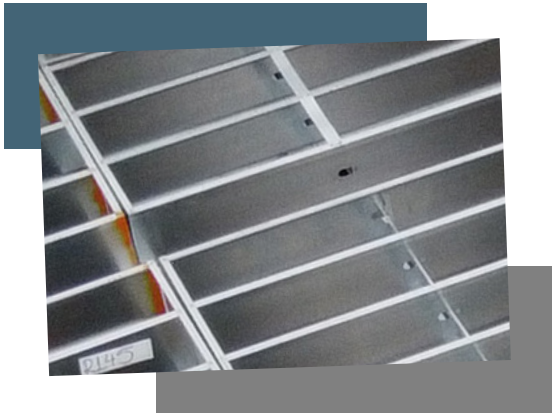




LSF Joist Framing



LSF Joist components provide an economical, lightweight alternative to open web trusses, bar joists, engineered lumber, cast-in-place or hollow core floor assemblies.

Web stiffeners may be required at supports and other point loads and solid blocking and strap or internal bridging is required to properly brace the floor assembly (as specified by the engineer of record).

Standard Dimensions for LSF Joists

Depth Designation	Web Depth		Flange Width	
	Design Depth		Design Width	
	(inch)	(mm)	(inch)	(mm)
800	8	203	1-5/8	41.3
1000	10	254	2	50.8
1200	12	305	2-1/2	63.5
1400	14	356	3	76.2

Standard Dimensions for Rim Joist/Track

Web Depth			Flange Width	
Depth	Design Depth		Design Width	
Designation	(inch)	(mm)	(inch)	(mm)
800	8	203	1-5/8	41.3
1000	10	254	2	50.8
1200	12	305	2-1/2	63.5
1400	14	356	3	76.2

Design Lip Length for LSF Joist

Web Depth			Flange Width	
Depth	Design Depth		Design Width	
Designation	(inch)	(mm)	(inch)	(mm)
S162	1-5/8"	41.3	1/2	12.7
S200	2"	50.8	5/8	15.9
S250	2-1/2"	63.5	5/8	15.9
S300	3"	76.2	5/8	15.9

Material: Tensile Strength: 54 mils (16ga), 68 mils (14ga) and 97 mils (12ga) products are produced with 50ksi steel.

Standard coating: G60 (G90 available on request). All joists are color coded for easy identification.

Manufactured in accordance with CAN/CSA S-136-16 (North American specification for the design of cold-formed steel structural members), ASTM A653/A653M (Standard for steel sheet, zinc-coated (galvanized) or zinc-iron alloy-coated by the hot-dip process), ASTM C645 (Standard specification for non-structural steel framing members), and Standard CSSBI 61-18 (Manufacturer Certification Requirements for Cold Formed Steel Framing Members - Certificate of Registration reference number Q107858).