

## FRAMING MADE BETTER WITH LSF

Lightweight Steel Framing (LSF) is manufactured using cold-formed sheet steel. LSF is used in the wall, floor, and roof assemblies in residences, as well as commercial buildings, including schools, shopping malls, row houses, hotels, assisted care residences, and office buildings.

LSF provides all the necessary structural elements and is a superior choice for all framing requirements.

LSF may also be used with other building materials to achieve any aesthetic detail desired.



## FAST, ECONOMICAL CONSTRUCTION

The CSSBI promotes LSF because this engineered sheet steel product provides significant advantages over conventional building materials such as wood. For builders and owners alike, LSF offers incredible value and peace of mind.



### Accurate, Stable, & Durable

Engineered for incomparable accuracy, every LSF stud is a quality stud. Standard protective coatings extend the expected service life. Non-organic, LSF resists the deficiencies wood experiences such as shrinking, warping, and pest infestations. Best of all, LSF is non-combustible. Some insurance underwriters may recognize the benefit of non-combustibility in reduced premiums.

### Panelization

LSF is ideal for easy and quick assembly into steel wall, floor, and roof panels. These panels can be manufactured in a quality-controlled environment and shipped to the job site for fast erection. Panels can also include the exterior finish for added simplicity.

### A Green Choice

Sheet steel is 100% recyclable and a greener choice for the environment. It can be supplied in exact lengths, eliminating most on-site cutting and waste entering landfills.

### Faster Construction for the Builder

LSF is dimensionally stable and construction can proceed all year around. It weighs about 60% less than traditional wood studs, so large quantities are easily handled on the job site. And the benefit of pre-punched holes aids trades people to run piping and electrical wiring quickly.

### Peace of Mind for the Homeowner

LSF's non-combustibility resists fire and its strength stands up to earthquakes and hurricanes. Unlike wood, LSF doesn't require treatment for termites with harmful chemicals and it doesn't shrink to cause nail-pops or squeaky floors.



## CANADA'S ESSENTIAL RESOURCE ON SHEET STEEL

We are Canada's foremost authority on sheet steel, its products, and its many applications.

We are an impartial association, playing an integral role in the development and enforcement of industry standards. A source for technical information and resources, we also provide expert guidance to the general public and sheet steel manufacturers alike.

Our overall mission is to pursue the advancement of sheet steel as the most durable and reliable building material on the market today.



## EASILY RECOGNIZE QUALITY

The CSSBI Labelling Program helps identify two important factors: Whether the manufacturer is a member of the CSSBI and, if the sheet steel product purchased adheres to our strict standards for quality.

The CSSBI requires all products produced by our members to meet recommended minimum requirements, including factors for grade of steel, thickness, metallic coating designation, loading and deflections, as well as design, fabrication, and erection. We identify acceptable products through prominently branded CSSBI labels on members' product packaging.

For more information on the CSSBI and our members, LSF, or other sheet steel building products, please visit [www.cssbi.ca](http://www.cssbi.ca). Online, you will find a series of publications, technical bulletins, fact sheets, and design manuals across all sheet steel product categories.

