

ONE PRODUCT, TWO USES

Lightweight Steel Cladding (LSC) is a very versatile product. It is manufactured from metallic coated, quality controlled, sheet steel and is available in several different profiles, depending upon the manufacturer.

LSC is widely used for wall or roof applications in the agricultural industry, but it is also very popular for light commercial and industrial projects.

LSC can be pre-painted in a variety of colours to boost protection against the elements as well as enhance a building's aesthetics.



ECONOMICAL CONSTRUCTION THAT BLENDS IN

The CSSBI promotes LSC as an engineered sheet steel product with significant economical and practical advantages. LSC can transform agricultural and commercial buildings into aesthetically pleasing structures. A palette of colours helps structures blend into a neighbourhood or stand out. Plus, a wide selection of flashings and accent trim can accentuate or subdue the building.



Creative Profiles

LSC is available in varying thicknesses and profile shapes. Some distinct profiles are more suited to one application over the other. For example, lower rib (less than 3/4") profiles are not as strong as the same thickness of cladding with a higher rib. Therefore, low rib cladding is more suited to wall applications and high-ribbed for sloped roofing.

Durability That Lasts

While pre-painted LSC is built to last with little maintenance, protective coatings enhance durability. From the corrosive environments of heavy industry to the extreme climatic fluctuations of the prairies and to the salty conditions on the coasts – LSC stands the test of time.

A Green Choice

Sheet steel is 100% recyclable. Available in long lengths, LSC is pre-cut and manufactured to order, so little to no material waste occurs during construction. Should there be some, steel is a valuable commodity, so it would be recycled and nothing would enter landfills.

Economical Savings

Because it is an economical building component, LSC may be used in single skin applications without an interior liner or insulation. Should a designer or owner wish to insulate, LSC easily incorporates insulation packages as needed.

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, LSC, or other sheet steel building products, please visit www.cssbi.ca. Online, you will find a series of publications, technical bulletins, fact sheets, and design manuals across all sheet steel product categories.

