

## CONSTRUCTION MADE EASY WITH SBS

### Wall Assemblies

This SBP includes interior sheet steel liner, sub-girts, base channel, insulation, and exterior sheet steel cladding in one package. These assemblies vary extensively depending upon application and may be used for interior/exterior walls, refrigeration, fire walls, and more.

### Roof Assemblies

This SBP is divided into two categories: architectural (steep-sloped) roofing is designed for visual appeal and aesthetics; while structural (low-slope) involves thicker steel to carry larger roof loads.

### Roof Deck and Composite Floor Deck

These structural panel elements are floors or roofs. Thickness, shape, and depth vary to meet a variety of loading conditions and spans. Roof deck is found in virtually all flat roofs in Canada, while composite floor deck interlocks a steel deck with concrete to create a very efficient structural floor system.



## PRACTICAL & EFFICIENT CONSTRUCTION

The CSSBI promotes SBP because these engineered sheet steel products provide significant advantages over other building materials. SBP are engineered for their long life, economy, durability, and creative flexibility.



### Creative Flexibility

SBP allow for a wide range of architectural expressions. They come in a wide range of colours, as well as in a variety of profiles and textures, widths, and seam types.

### Compatibility

All of these products work together in combinations or separately. They also work effectively with other building products, such as concrete, brick, glass, or wood to achieve distinctive architectural expressions.

### Energy Efficiency

All SBP may be enhanced for greater energy efficiency with vapour retarders, thermal resistance, and air barriers. Depending upon application, the amount of thermal insulation may be increased to achieve a building that significantly reduces energy costs.

### Longer Life Cycle

Steel is a non-organic material so it doesn't deteriorate over time. This stability gives SBP longer lives. When you combine that with low maintenance costs, SBP have lower life cycle costs than many other building materials, making SBP economically practical.

### Durability

A variety of advanced protective coatings is available to enhance the durability in all SBP products. These protective coatings may add a high degree of reflectance, provide water tightness, or combat the elements for extraordinary streetscapes in any environment.

## 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, SBP, 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.

