

The “All In One” Wall System

The SteelSpan “all in one” panel is an innovative modular wall system that does not require a framing system. Its innovative design is ideal for effectively and economically dividing your plant space from floor to roof or for creating ceilings and roofs in commercial and industrial buildings. The non-combustible panels are constructed of a polyurethane insulating core with excellent insulation values. SteelSpan panels are light weight, yet structurally strong and feature a one-piece construction that makes assembly quick and cost effective.



Superior Insulating Value

SteelSpan Panels provide excellent insulation across the entire wall and roof area. The advanced polyurethane core and impermeable steel faces provide insulation values that significantly lower heating and cooling costs.

Easy Assembly

SteelSpan's light weight and one piece construction allow for rapid completion of the wall and roof system. The factory fabricated composite panels are attached directly to the supporting structure eliminating multiple steps required in a typical “stick built” project. Weighing in at only 2-1/2 to 3-1/2 pounds per square foot, the panels are easy to erect and secure in place. These factors combine to not only reduce the manufacturing downtime associated with the construction project, but also minimize labor, materials, and financing costs.

One Piece Construction

One-piece construction process assures rapid completion of the wall and ceiling system. Factory fabricated composite panels are attached directly to the supporting structure and multiple steps to construct the insulated wall and ceiling are eliminated. Faster building completion means reduced construction and interim financing costs.

Structural Integrity

Despite their light weight, SteelSpan Panels are structurally strong enough for greater heights. They range in thickness from 3” to 5” and are constructed of G-90 galvanized steel with a secure tongue and groove connection.

Professional Appearance

Concealed clips and fasteners at the side joint of the panels offer a clean, high profile appearance especially when compared to the “barn-like” metal building looks of many systems on the market.

Applications

SteelSpan commercial and industrial panels serve as walls and ceilings for commercial and industrial buildings, in new and retrofit construction. SteelSpan insulated metal panels can be easily adapted to pre-engineered metal building designs for almost any end-use as walls and ceilings, saving material and labor costs. Other end applications include:

- manufacturing facilities
- distribution warehouses
- equipment maintenance buildings
- equipment screens
- demising walls
- cleanrooms
- panelized ceilings



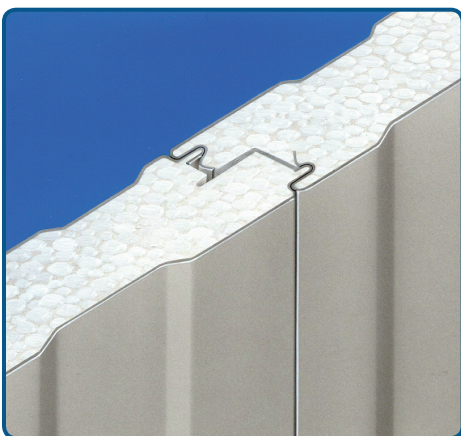
Environmental Control

SteelSpan gives you exactly the enclosed space you need to control dust, thermal breaks, vapor barrier, temperature, humidity, noise and other environmental needs.



Foam Core

The Class I Polyurethane foam core meets the requirements of the major model building codes for many types of construction. Unlike panels with expanded polystyrene cores, they will not produce a self-propagating fire.



Exterior Surface

Impermeable faces & built-in thermal breaks ensure that the highest insulating values are maintained for the life of the building. Panels are manufactured with impermeable steel faces that completely encapsulate the insulation and create an impermeable membrane on all sides of the panel when installed. Assured thermal values mean lower heating and cooling costs.

Panel Thickness	3"	4"	5"
STC	24	20	20
R-Value	24	32	40

SteelSpan Features

Exterior Profile: Corrugated pattern, 1/8" deep.

Interior Profile: Corrugated pattern, 1/8" deep.

Core: Foamed-in place, Blister-Free, Non-CFC polyurethane, Factory Mutual Class 1 approval.

Module Width: 42"

Panel Thickness: 3", 4", 5" or custom thickness

Lengths: 8'-0" to 53'-0"

Exterior Facings: Stucco embossed G-90 galvanized steel in 26 Ga., 24 Ga., and 22 Ga.

Interior Facings: Corrugated profile, stucco embossed G-90 galvanized steel in 26 Ga., 24 Ga., and 22 Ga.

Finishes: Baked polyester finish

Colors: Three standard colors: champagne, gray and white.

Joint: Offset double tongue and groove with extended metal shelf for positive face fastening.

Fastening: Wafer head fastener and clip concealed in the side joint.

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