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TEELFORM

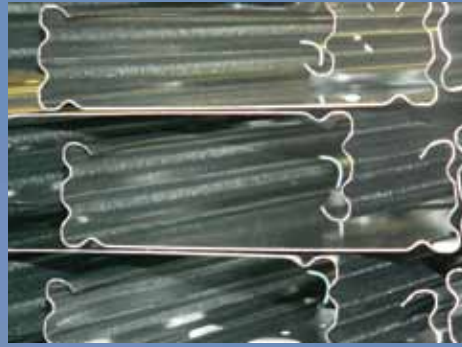
BUILDING PRODUCTS INC.

U.S.A.



ENGINEERED STEEL

WALLS



Delta Studs for energy efficient exterior walls and sound abatement for interior walls

Steelform's Patented & Engineered Delta Studs and Mega Joists are manufactured with the same geometric profile as conventional "C" profiles however, our state of the art designs with web stiffeners and punch outs provide unparalleled structural performance; up to 40% reduced weight, superior fire resistance in UL & ULC, amazing sound ratings, & unmatched thermal performance. The open web punched design provides built-in paths for

installing conduit, plumbing and small HVAC duct. These punch outs remove approx. 90% of the web and trapezoid design directs heat, cold and sound, vastly reducing thermal bridging (the framing effect) improving R Values by 37%.



COMPOSITE WALLS

Delta Composite Studs were developed for architectural pre-cast; site cast or tilt wall steel framed/concrete interior or exterior structural load bearing or curtain wall composite panels with all the thermal benefits of the Delta product line. (improving R Values by 37%) This light weight concrete cladding panel system will reduce foundations, super structure, cost and installation time by 50%. Composite panels are made from standard components with unlimited design capabilities. Earth Quake, Blast and Hurricane Resistant, self insulating as well as excellent sound absorbing qualities creates a LEED accredited system excellent for renovations as well as new construction and is currently being used extensively by the military on various bases.



FLOORS



A higher strength-to-mass ratio than conventional studs & joists
Delivers proven structural performance and longer unsupported spans to simplify construction.
Superior fire resistance in UL & ULC fire rating certification tests.
Flexibility of sizes & configurations, with weights of 15 – 40% less
Custom lengths, knockout alignments, & solid web ends are manufactured to specification and extremely tight tolerances
Reduced Sound Transmission and Excellent STC ratings on walls and floors



Mega Joists for long spans, heavy loads and quiet floors

Attributes:

Precision roll formed flanges & stamped rim of each opening provides greater stiffness, heavier loads and longer spans

Open web design provides the rigidity of conventional “C” stud made of thicker gauge steel profiles

Stamped openings make it easy to route all services. Open-web design provides built-in paths for installing conduit, plumbing & even small HVAC





LONG-SPAN FLOOR DECK SYSTEM



Steelform Ultrabond Long Span Composite Floor System provides a quick and economical floor/ceiling solution and is the composite floor system of choice for high-rise and low-rise apartment buildings, condominiums, townhouses, time-shares, senior living facilities, motels, hotels, and other structures with residential loading requirements. Steelform Ultrabond Long Span Composite Floor System meets the requirements for struc-

tural strength, minimum deflection, fire rating, and sound control common to residential or commercial construction. The system's structure consists of a high-strength long span steel floor deck that acts as permanent concrete form to create a composite, reinforced, one-way slab. Conventional gypsum board ceiling is directly attached or drop ceiling hung from the steel deck to construct a finished interior surface.



WHAT WE DO...

Steelform USA is a manufacturing distribution company and design/build construction company with over 50 years of experience (4-40 floors). We design and build low rise and high rise commercial and multi-unit residential buildings, using pre-fabricated structural wall panels, decking and ceiling products utilizing Steelform USA Method® in order to provide a finished project, combining the highest quality, with on time delivery at a very competitive price

Predictability, controlled cost and design flexibility is now a reality. The Steelform USA Building Method® is based on a systematic flow of production, firm construction costs can be negotiated at maximum efficiency during manufacturing and the erection process. Predictability means no “11th hour” surprises and no cost overruns. The Steelform USA Building Method® is 50% faster from foundations to occupancy.

After the building is topped out, the interior systems are 60% complete and ready for finish work. This enables a much earlier occupancy for the building, thereby increasing potential revenues and reducing money spent on short term loans. In brief, we not only save months of erection time, but also three to four months of construction time between topping out and occupancy. This can cut your overall construction time in half.

Twelve Good Reasons to Specify Ultrabond

1. Ultrabond long span deck is a permanent steel form that eliminates the need for temporary forms.

2. Ultrabond long span deck acts compositely with the concrete to provide positive reinforcing for the slab.

3. Ultrabond long span deck slabs can span up to 28 feet. Longer spans require fewer structural supports.





OUR PROCESS

The Steelform USA Building Method® is a construction product and a construction process. The Steelform Process is an onsite erection process and assembly procedure utilizing panelized wall panels or precast components as forms for poured in place concrete which completes the structural con-

nection. The results is a delivery system in which all stages of construction are tightly controlled. This control saves time, saves money and helps assure quality in every facet of construction. It is a versatile construction method which encourages architectural flexibility and innovation.

Long Span Composite Floor Deck

4. Steel beams, load-bearing metal studs, masonry, insulated concrete block forms, and poured concrete are all compatible with the Ultrabond long span deck system.

5. Slabs can be designed with U.L. fire rating of one or two hours without applying drywall or spray-on fireproofing to the deck.

6. Independent sound transmission (STC) tests prove that Ultrabond slabs outperform other floor systems.

7. Ultrabond long span deck slabs uses less concrete than a traditional solid slab, reducing total concrete volume up to 30 percent.

8. Ultrabond slab beams are reinforced concrete beams the same depth as the slab, which allows for long, uninterrupted spans. The slab beam is supported by columns that can be hidden in partition walls, eliminating the need for dropped beams or other visible support members.

9. Ultrabond long span deck slab is of a monolithic-type construction, when tied into the load-bearing walls it becomes a single unit of great strength. Diaphragm action of the Ultrabond long span steel deck slab braces the walls; therefore, the use of tie beams is not required.

10. Ultrabond long span steel deck slabs allow low floor-to-floor height, which keeps overall building height to a minimum while maximizing the usable interior height.

11. Steelform is the manufacturer, we make this deck and we carry manufacturer's liability to end user (deck should be installed using manufacturers guide lines)

12. Easy to handle and install, it can be supplied pre-cut or can be quickly cut on site to fit challenging floor plans.



**Build
SMART**

**Build
FAST**

**Build
GREEN**



Steelform USA

Austin Texas

Direct Line: 512-415-2878

Office: 512-687-3469

Fax: 512-264-8712

Atlanta Georgia

Direct Line: 540-270-4378

Office: 770-631-8963

Fax: 770-631-8964

www.steelform.us

Steelform Canada

Toronto Ontario

Office: 416-245-7006

Toll Free: 877-245-7073

Edmonton, Alberta

Office: 780-440-4499

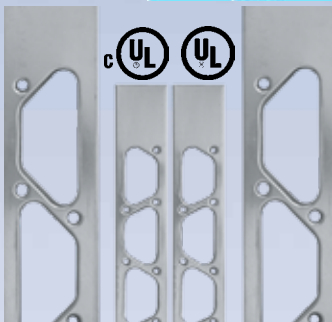
Toll Free: 866-440-4499

www.steelform.ca

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