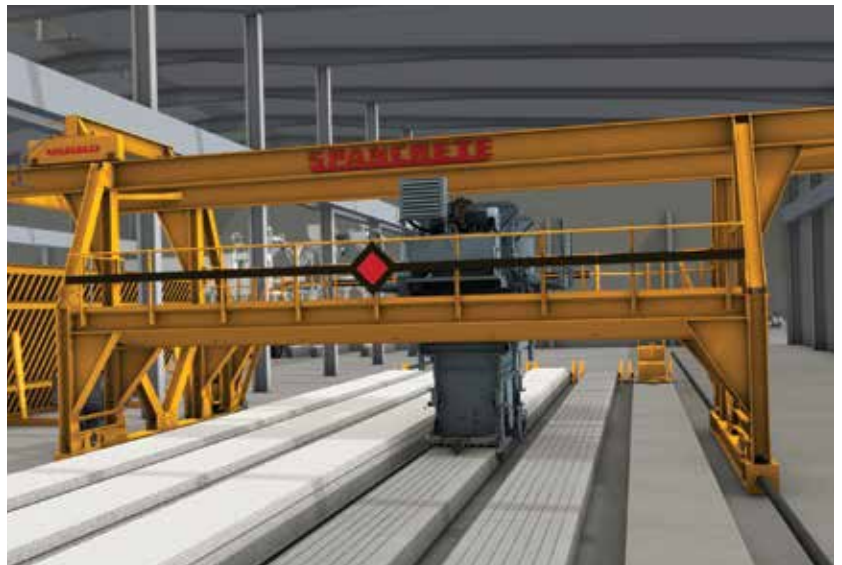


SPANCRETE®

Building Innovation.™



SPANCRETE WALL PANEL SYSTEM INSULATED / NON-INSULATED



SANDWICH ENERGY SAVINGS INTO ANY DESIGN



Cost Efficient

Look into Spancrete® Insulated Wall Panels, and you will see big savings. At the heart of each precast Wall Panel is a thick layer of energy-efficient thermal insulation, integrally sandwiched between a durable Hollowcore concrete interior and an attractive concrete exterior finish.

Spancrete Insulated Wall Panels cut energy costs to the core. In fact, they have greater lifetime cost efficiency and insulate better than any other wall construction system. In addition, these Insulated Wall Panels are pre-manufactured, so we can meet construction scheduling and speed up the completion of your building.

Spancrete Insulated Wall Panels offer several advantages for the owner. In addition to being pest-, mold-, and weather-resistant, the Wall Panel's complete fire resistance helps reduce insurance premiums while maintaining structural integrity. And finally, the combination of a concrete panel and insulating material effectively reduces sound transmission, keeping intrusive noise to a minimum.



Horizontal or Vertical Installation

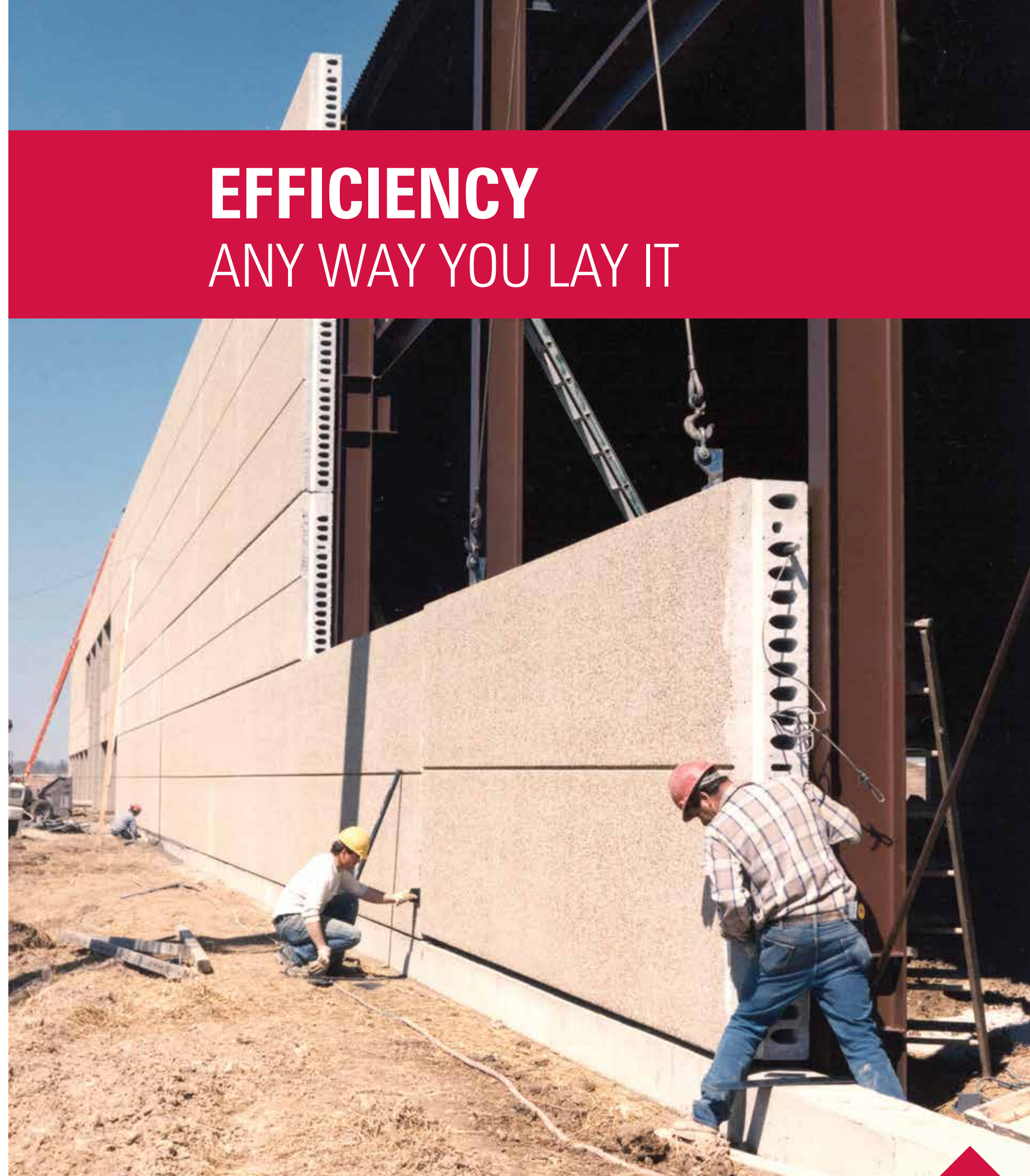
Spancrete® Wall Panels are so versatile they can be installed either horizontally or vertically while either load bearing or non-load bearing. Therefore, they are the ideal building material for warehouses, manufacturing, schools, retail, municipalities, offices and recreational facilities, and virtually any other architectural application that calls for strength, beauty, durability and speed of construction.

Spancrete Insulated Wall Panels give you maximum design freedom in new construction as well as in renovations and additions to existing structures.

The panels are stored off-site and delivered when you are ready for them, reducing job-site congestion. They can be installed any time of year with minimal labor and equipment.

Once in place and caulked, Spancrete Wall Panels provide a weatherproof enclosure that allows other trades to begin work immediately in a protected environment. Each panel's flat interior wall surface can be painted or coated directly without further preparation.

To increase the efficiency of your next building, our experienced preconstruction team will gladly consult with you early in the process to advise on the most effective locations and sizes of openings for doors, windows, HVAC and plumbing.



EFFICIENCY
ANY WAY YOU LAY IT



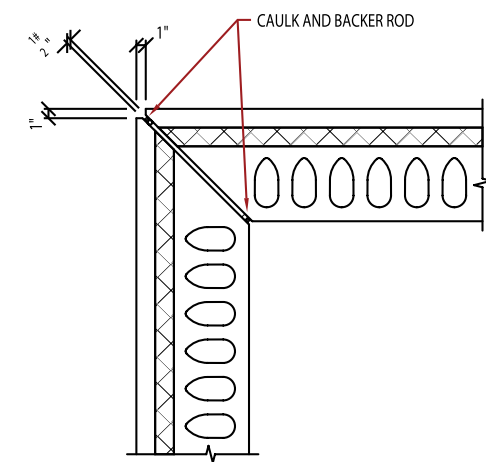
Make It A Great Finish

A great finish puts the final touch on any project. Our preconstruction team is available to help you decide on the right design, material and finish for your new structure. Spancrete® Wall Panels can be color mixed and matched, and are available in a wide variety of raked, broomed, sandblast and exposed aggregate finishes. We offer services to help guide decisions on renovations and additions to existing structures, as well as post-construction maintenance programs.

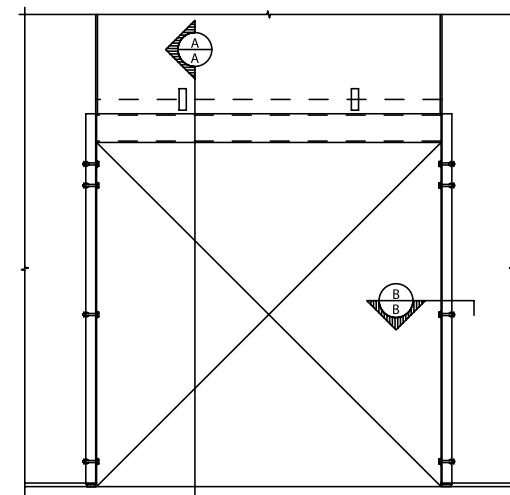
Spancrete is known for high-quality precast Wall Panels and fast-track construction methods. Our Wall Panels are delivered as needed and the advantages are clear — rapid, all-weather construction and reduced on-site congestion. But Spancrete Wall Panels are also engineered to be extremely strong, low-maintenance, and weather, pest, mold and fire resistant. Because they can be installed vertically or horizontally and are applicable to be either loadbearing or non-load bearing, Spancrete Wall Panels are design-flexible, cost-effective building solutions suitable for a variety of applications. Available in insulated or non-insulated versions, Spancrete Wall Panels provide a wide range of thermal efficiency options.

For 70 years, Spancrete has been revolutionizing the precast concrete industry. A global company with an ever-expanding footprint, Spancrete prides itself on being the industry pioneer — delivering expert, personalized building solutions to each and every one of our customers. We design and build commercial, municipal, educational and residential structures that function and last, while also adding aesthetic interest to our communities.

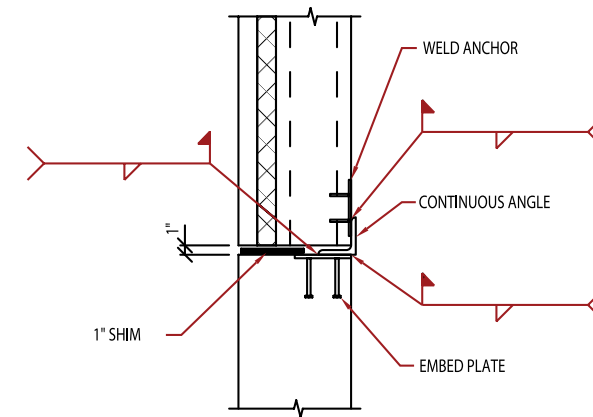
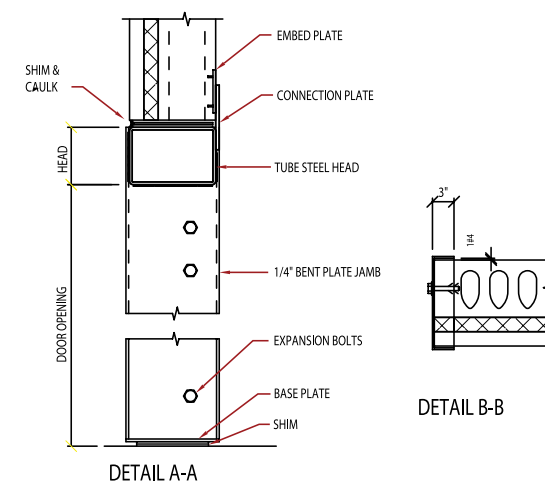
DESIGN DETAILS



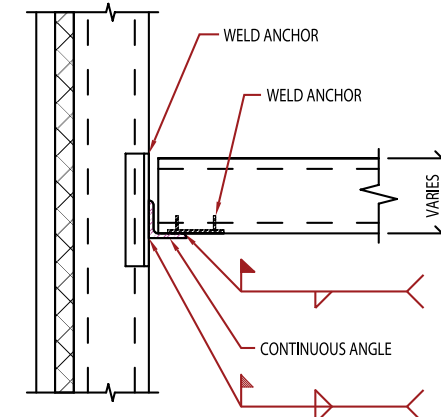
CORNER MITER



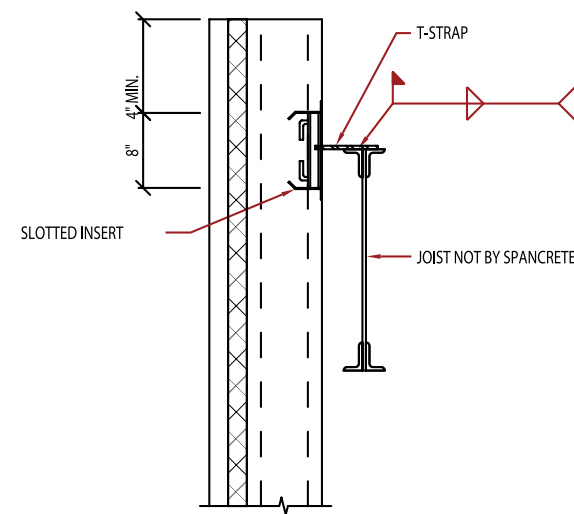
STEEL DOOR FRAME



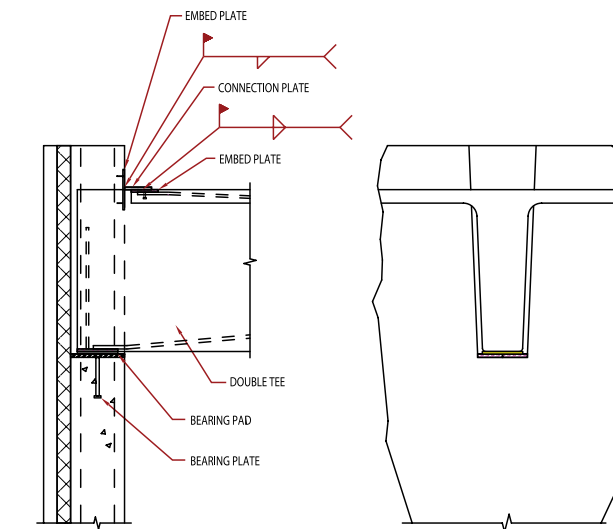
BASE CONNECTION



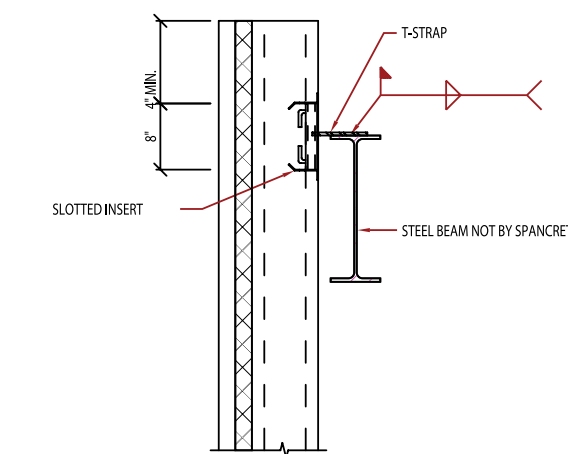
SPANCRETE® HOLLOWCORE BEARING CONNECTION



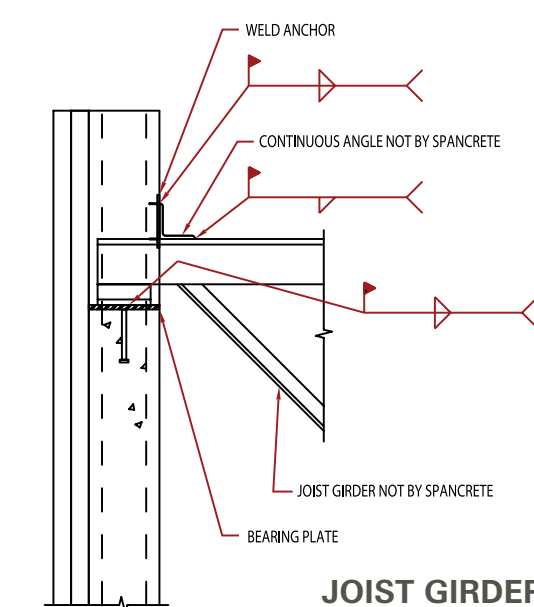
NON-BEARING TOP CONNECTION



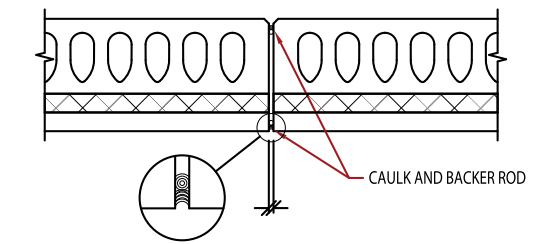
DOUBLE TEE BEARING



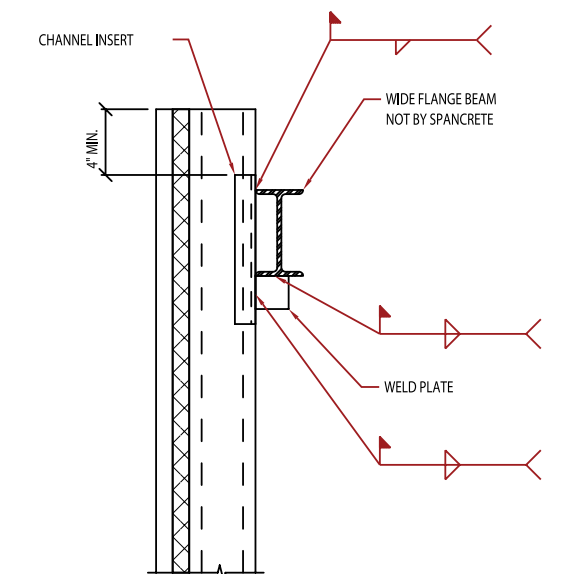
NON-BEARING TOP CONNECTION



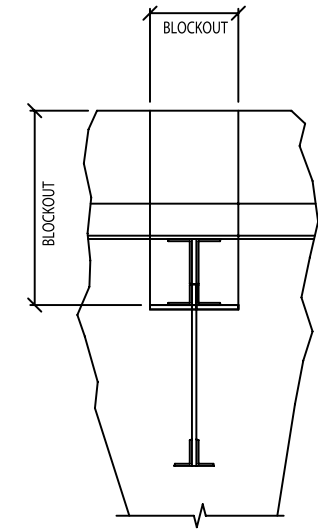
JOIST GIRDER BEARING



TYPICAL JOINT

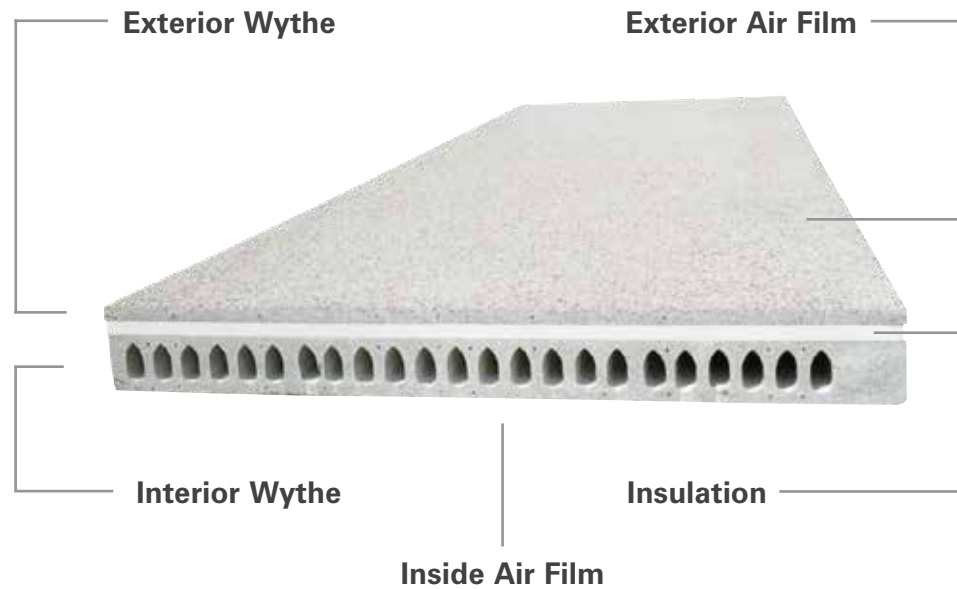


LOAD BEARING TOP CONNECTION



JOIST GIRDER BEARING

Spancrete® Wall Panels' sandwich panel construction provides insulating values that effectively reduce heating and cooling losses through walls, resulting in increased energy savings and greater cost efficiency over the life of the building.



Spancrete Wall Panels can be manufactured in a variety of sizes and finishes. The structural wythes are typically 6", 8" or 10" thick with the insulation being 2" to 4" thickness.

8" Spancrete with 2" Facing	INSULATION THICKNESS					
	2"		3"		4"	
TYPE OF INSULATION	R	U	R	U	R	U
Extruded Polystyrene R= 5in	12.44	.080	17.44	.057	22.44	.044
Poly-isocyanurate LTTR= 6.1in	13.94	0.71	19.69	0.51	25.44	0.39

Wall panels used in freezer/cooler applications are available with insulation thicknesses up to 4" (10 cm).

Extruded Polystyrene: Values shown are averaged aged values tested at mean 75 deg F per ASTM C578

Poly-isocyanurate: Long Term Thermal Resistance (LTTR) is the 15 year time-weighted average R-value per ASTM C1289.



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