



Industry Leader in Engineering, Fabricating and Installing Metal Wall Panel Systems

A Pre-Fab Panel Division of Construction Pros of NJ

The shift from on-site to off-site wall panel fabrication is taking over the industry. We have earned the trust of top developers and GCs and have now expanded to meet growing demand for our product and services.

Why Choose Panel Pros?



ACCURATE BUDGETS: Tighter estimates up front. Cost efficiency when compared to other systems



FASTER SCHEDULE: Minimize onsite construction time. Typical jobs: 15,000 sq. ft./week



FAST TRACK: Unit rentals/sales months ahead of time



INNOVATION: Market proven and time-tested engineering and technology. Structurally compliant 5 to 20 stories



CONTROL COST AND TIME OVERRUNS: Eliminate on-site mistakes



ENGINEER



FABRICATE



INSTALL

Trust the Pros. To learn more, contact us at:

constructionprosnj.com/PanelPros

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RESIDENTIAL STRUCTURAL SYSTEM COMPARISON TABLE

SYSTEM COMPARISON	Panel Pros	Residential Framing Options			Podium-Level Framing Options	
	Open Web Joist on Metal Stud Bearing Walls	HC Precast Plank on Metal Stud Bearing Walls	Metal Stud Framing on Metal Stud Bearing Walls	Deep Deck/Shoring on Metal or Wood Stud Bearing Walls	Conventional Flat Plate Concrete	Concrete on Metal Deck on Steel Beams
SYSTEM PROPERTIES						
Floor System Depth	18"	11"	20"	12"	18 – 24"	24"
Maximum Column Bay Size or Member Span	36'	36'	24'	36'	30' x 30'	30' x 30'
Structural demising walls	Yes	Yes	Yes	Yes	No	No
Architectural features (balconies, bays, saw tooth, irregular, etc.)	Yes	Yes	Yes	Yes	Yes	Yes
STC rating	50+	50+	Depends on finishes	50+	50+	50+
Mechanical/electrical distribution (horizontal pipe & duct systems)	Yes	Yes, in soffit or drop ceiling	No	Yes, in soffit or drop ceiling	Yes, in soffit or drop ceiling	Yes, in soffit or drop ceiling

PROJECT REQUIREMENTS						
Cost per square foot	\$30	\$30	\$36	\$35	\$50	\$40
Required use of suspended ceilings	No	Yes	Yes	Yes	Yes	No
Design flexibility in location of unit demising walls	Yes	Yes	Yes	No	Yes	Yes
Soffits	No	Yes	No	Yes	Yes	Yes

PROJECT CONSTRAINTS						
Construction time frame	Fast	Fast	Slower	Average	Slow	Slow
Shoring requirements	No	No	Yes	Yes	Yes	No
Waiting time before walkability	No	No	No	No	Yes	Yes
Waiting time before usability below	No	No	No	No	Yes	Yes
Condition of finished slab (floor)/additional preparation required	Feather joints with latex cement, install non-structural topping from 1/2" to 2"	Feather joints with latex cement, install non-structural topping from 1/2" to 2"	Cementateous floor underlayment	Feather joints with latex cement, install non-structural topping from 1/2" to 2"	Maybe	Maybe

SUMMARY						
Competitive advantages/ Disadvantages	Fast and typical 15,000 up to 20,000 square feet of panels and deck per week— 1, 2, 3 hr ratings	Fast but typically would coordinate between 2 different subs with coordinating crane time	More pieces to erect, 16" O.C.	Shoring is a disadvantage. Connections and miscellaneous steel.	Flexible, but slow and extensive general conditions (dumpsters etc.)	Flexible, but slow and extensive general conditions (dumpsters etc.)