



Senergy[®]

SenerPanel CI

Prefabricated
Wall Systems

A brand of
MASTER[®]
» BUILDERS
SOLUTIONS

SenerPanel CI

Prefabricated Wall Systems

SenerPanel CI systems combine the advantages of Senergy Insulated Wall Systems with the benefits of indoor factory panel fabrication. Controlled conditions allow SenerPanel CI to be produced consistently regardless of weather conditions.

Lightweight SenerPanel Wall Systems are readily hoisted into place, and provide continuous exterior insulation and secondary moisture protection. A wide range of colors and textures provide tremendous design flexibility, allowing architects to create customized appearances with dramatic visual appeal. Senergy insulated wall systems are proven performers, with hundreds of millions of square feet in service. They offer demonstrated code compliance through third-party testing and evaluation reports, and are supported with a full set of architectural details.

The basic SenerPanel Wall System is SenerPanel CI. It provides R-5.8 of continuous exterior insulation, using 1.5 inches of 1.0 lb/SF density expanded polystyrene (EPS) foam. Since lightweight SenerPanel CI is adhesively fastened, thermal bridging from steel lintels and mechanical fasteners are eliminated.



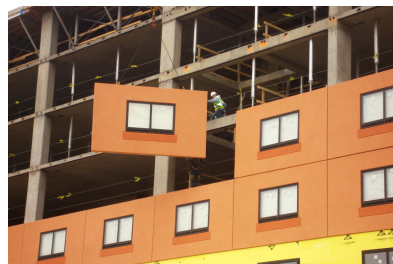
***“A wide range of colors and textures
provide tremendous design flexibility”***

Up to 12” of EPS can be used to provide R-45 continuous exterior insulation...

...while meeting International Building Code (IBC) fire requirements, including NFPA 285 and ASTM E119. This high insulation value can be further improved by replacing conventional EPS with BASF Neopor GPS insulation, which offers up to R-60 at a 12-inch insulation thickness.

While in most cases, use of greater than 4-inches of EPS (R-15.6) is not needed to meet International Energy Conservation Code requirements, the additional thickness allows bumpouts and EPS design features to be added to SenerPanel CI without compromising fire performance.

Senergy SenerPanel CI is often upgraded to SenerPanel CI-D, which includes detailing for moisture drainage. In both cases, a Senershield-R/-RS/-VB fluid applied air/water-resistive barrier provides moisture protection and can be detailed to perform as an air barrier assembly. Where a mixture of cladding types is desired, Senershield-R/-RS/-VB can be used for all panels behind all claddings, simplifying building design and providing high performance with assured air barrier compatibility.



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