



Hogg Construction

General Contractor • Construction Management • Design/Build

Tilt Up Structural Insulated Panels

Changes are taking place in the commercial construction industry as a result of innovations, increased labor costs, fewer people entering the construction trades, a depletion of natural resources and a growing public awareness of the environmental impact of current building practices. While many new building systems are being used in commercial construction today, none can compare to the overall energy efficiency, affordability, ease and quickness of construction, and “green” qualifications of panelized tilt-up systems. This method of construction where the walls of a building are manufactured in a factory rather than built on-site achieves superior structural integrity with a high insulation value.

Structural insulated panels are the best panelized option and are a green building product for several reasons:

1. The OBS skins of the panels are made from young, fast growing trees
2. The EPS foam is recyclable
3. There is far less jobsite waste
4. They reduce energy consumption in commercial buildings by 50+%
5. They qualify for Energy Star and LEED Certification

The results of using structural insulated panels in panelized tilt-up construction include:

- Greater ease of assembly
- Quicker dry-in time
- Lower skill set for field crew
- Higher quality and durability
- 20 year warranties
- Improved worker safety
- Higher resale value
- More affordable commercial buildings

Combining the cost savings with the reduced environmental impact of structural insulated panels makes them a good, economical choice for contractors and owners.

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