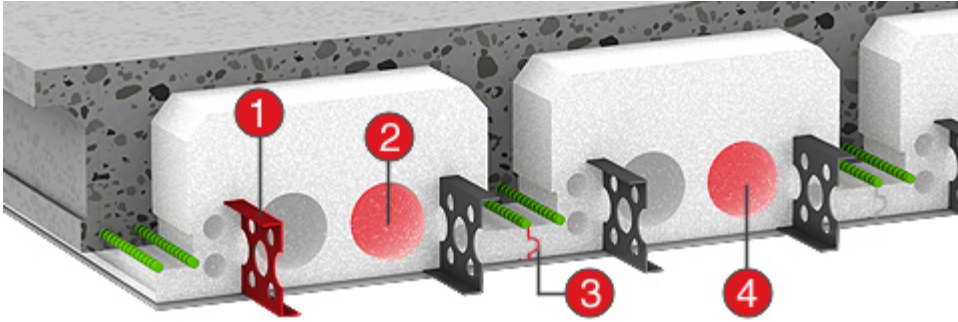


Detail Features



1 2

Utility chases, steel beams and furring strips integrated within form

Unique, patented manufacturing process. Any type of interior finish can be mechanically attached to the integral steel furring strips with drywall screws (Furring strips extended for clarity).

3

User-friendly design

Insul-Deck panels easily interlock with a tongue-and-groove design which forms the bottom of a 5" wide concrete T-beam, or joist. Rebar reinforces each joist. Steel mesh reinforces the floor surface. Detailed engineering specifications and load factors are available for a wide variety of T-beam designs.

4

Makes jobs easier for electricians, plumbers and other subs

Utilities are easier to install in pre-molded access chases (or channels). The Expanded Polystyrene can be easily removed, if needed, to allow for larger utility runs.

Click on Images Below for Larger View and more Information



The panels easily carry the weight of fresh concrete and workers.



Workmen can easily handle the precut panels. This can eliminate the need for heavy lifting equipment further reducing construction cost.



The exposed furring strips ready to hang drywall.

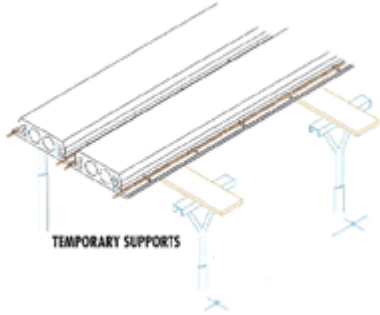
SELF SUPPORTING CAPABILITY



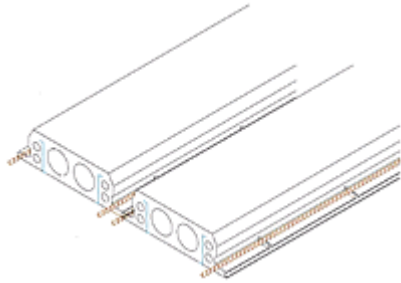
Job site placement of temporary supports

The panels are self supporting and easily handle the usual job site loads, like the weight of workers and fresh concrete. Temporary supports are required approximately every eight feet. Installer is responsible for the design and correct installation of Shoring of Insul-Deck forms in accordance with the ACI (American Concrete Institute) 347-04 "Guide to Formwork for Concrete" or current applicable codes. Any variance from those standards must be provided and certified in advance by a Structural Engineer, licensed for the job site location and specifications.

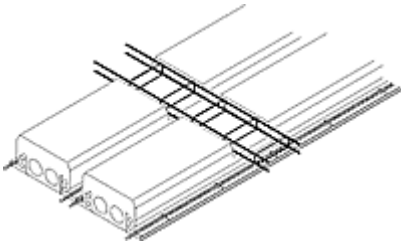
Workman can easily handle the precut panels. This can eliminate the need for heavy lifting equipment further reducing construction cost.



Rebar supports are required to allow complete encapsulation of the Rebar with concrete. The distance between the rebar supports should be approximately 40 inches.



REBAR ENCAPSULATION



Transversal Rebar support

The transversal Rebar supports are formed by cutting away the EPS above the metal furring strips. Cutting is accomplished using common hand tools. This does not adversely affect the R-Value of the INSUL-DECK panel.