Wire Truss

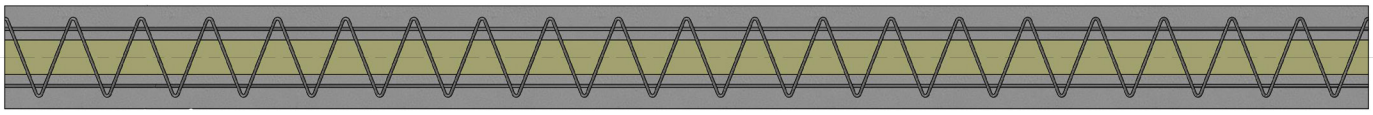
Welded wire truss helps produce energy savings in precast “sandwich” panel construction

A precast sandwich panel consists of a bottom layer of concrete, a middle layer of insulation, and a top layer of concrete. The Wire Truss connects these layers into a single, composite unit that is far more energy-efficient than a solid, concrete-only panel.

Wire Truss has the resiliency to expand and contract with the independent thermal-induced movements of the inner and outer concrete layers. This maintains the integrity of the panel and minimizes any thermal transfer between layers.

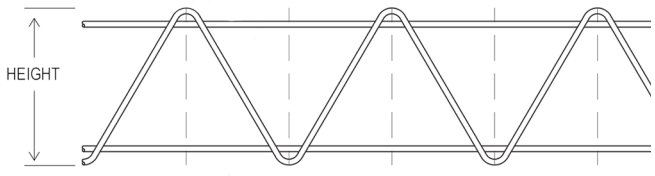
The design of the concrete and insulation layers will establish the overall panel thickness and truss spacing. The panel thickness will indicate the height of the Wire Truss. The truss spacing will determine the quantity needed.

Wire Truss is used to connect the bottom and top concrete layers in a precast “sandwich” panel.



Foam insulation is placed between the Wire Truss and to create an energy-efficient panel.

Wire Truss	
Part No.	**Description**
SBWT610M	SB Wire Truss 6”x10’
SBWT710M	SB Wire Truss 7”x10’
SBWT910M	SB Wire Truss 9”x10’



The zig-zag center wire is welded at the intersections of the top and bottom wires.

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