WBI
THE RADIANT PANEL COMPANY

THERMALBOARD SUBMITTAL SHEET

JOB: _____

DESIGNER: _____

CONTACT: _____

A WBI PRODUCT
THERMALBOARD™
ECONOMICAL RADIANT PANELS

PRODUCT DESCRIPTION

ThermalBoard is a modular radiant panel system constructed from industrial grade MDF. The panels are laminated with aluminum sheeting for maximum conductivity and efficiency. ThermalBoard is designed for both new construction and remodeling over a subfloor or cement. The system includes straight and combo panels laid out and installed in a pattern. Panels are attached to the subfloor by means of construction adhesive combined with screws, or cross stapling. The pattern creates the pathway into which 3/8" ASTM F 876-877 PEX tubing is placed.

TECHNICAL SPECIFICATIONS

Substrate: High Density Industrial MDF.	**PEX Tube Spacing:** 8" OC
Nominal Dimensions: 16" x 48"	**Weight:** 2.5 lbs / sq. ft. 13.4 lbs / board
Thickness: ⅝"	**Typical Board Mix:** 62% Straight. 38% Combos.
Surface: .003 Aluminum Laminate	**Pallet Size:** 4'x4'x32" Full.
PEX: ⅜" Nominal	**Pallet Capacity:** 99 Boards per Full Pallet.
Groove Depth: ½"	**Packaging:** Corner Protected. Shrink Wrapped.

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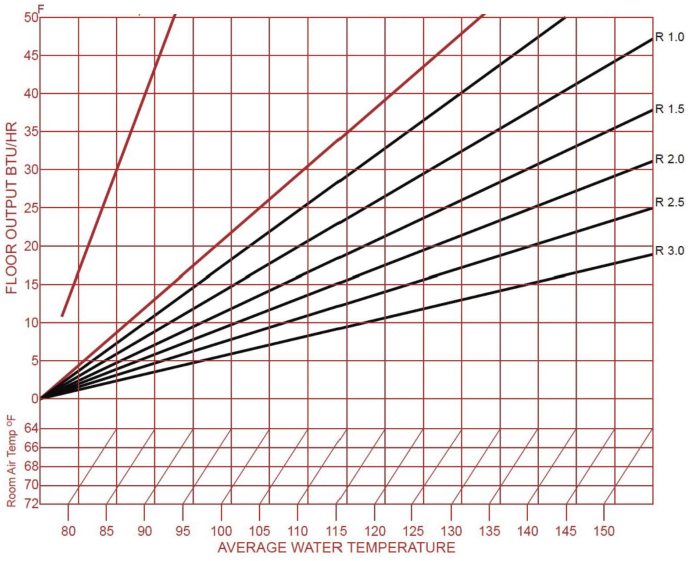
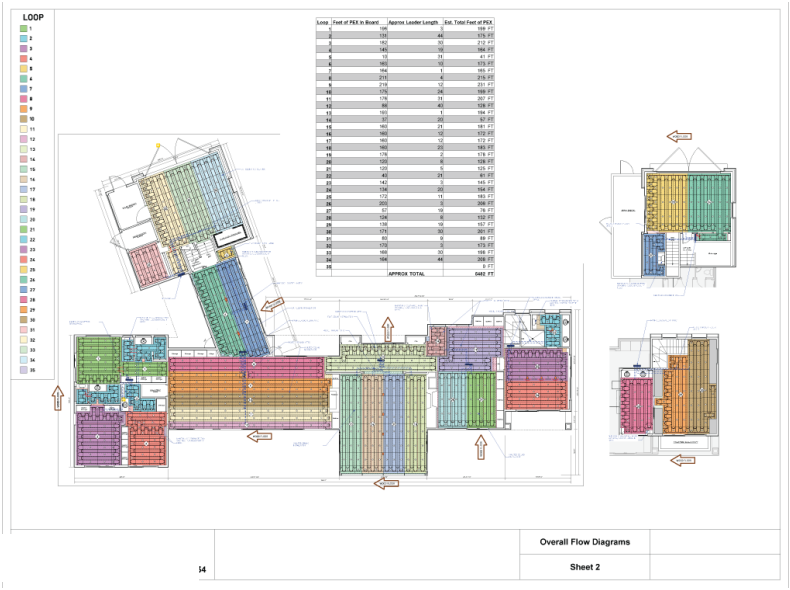
HOW TO USE THE PERFORMANCE CHART

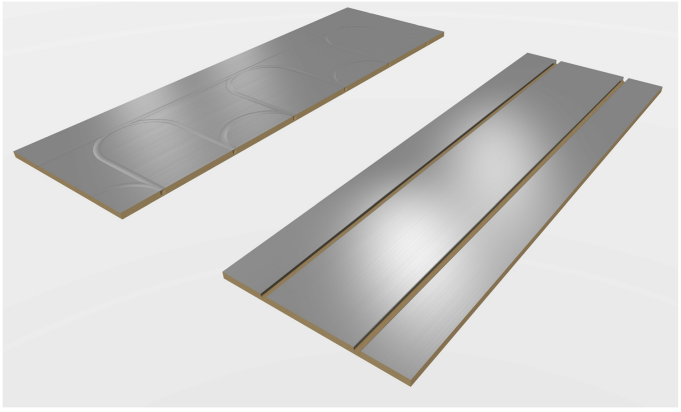
Most manufacturers publish this data, or it is available in this format from third-party engineers and manufacturers. The chart demonstrates the supply water temperature required to meet a given heat loss (BTU/Sq/Ft.) with a certain finished floor assembly resistance (R-Value). A low R-value of R=.05 would be tile, while a carpet with a carpet pad might be R=2.5. So for example, start at 20 BTU/Sq/Ft. on the X axis, go over to R=1 (hardwood) and go down and it will read about 105F.



EFFICIENCY CHART



DESIGN & LAYOUT CAD DRAWINGS



THERMALBOARD **PART NUMBERS**

STRAIGHT: TBPRO-S1648
END COMBO: TBPRO-SC1648

Thermalboard projects shall be provided detailed CAD drawings and schedules upon acceptance. System shall be installed as described in the current edition of the Thermalboard Installation Manual.