

JOB: _____

DESIGNER: _____

CONTACT: _____



PRODUCT DESCRIPTION

Ecowarm Radiantboard EPS is an insulated modular radiant panel system comprised of grooved plywood boards laminated with aluminum designed to be used in new construction and remodeling over a subfloor or cement. A layer of EPS foam is adhered below the plywood substrate to provide insulation & sound dampening qualities – directing heat upwards. EPS panels available in $\frac{3}{8}$ " and 1" thickness. The system includes straight and end combo panels laid out and installed in a pattern. Panels are attached by means of construction adhesive combined with screws, or cross stapling as recommended in the Installation Manual. The pattern creates the pathway into which 1/2" ASTM F 876-877 PEX tubing is placed.

TECHNICAL SPECIFICATIONS

Substrate: 6-7 Layer Plywood / EPS Foam

Nominal Dimensions: 23.5" x 47"

Surface: .010 Aluminum Laminate

Groove Depth: 5/8"

PEX: 1/2" Nominal ASTM F 876-877 PEX

Typical Board Mix: 62% Straight. 38% End Combo.

Groove Distance: 11.75" OC

Weight: 2.1 LBS / SQFT 16.4 LBS / Board

Thickness: $\frac{3}{8}$ " EPS Panel: 1.125" || 1" EPS Panel: 1.75"

Board Types: Straight. End Combo.

Pallet Size: 4'x4'x4' Full.

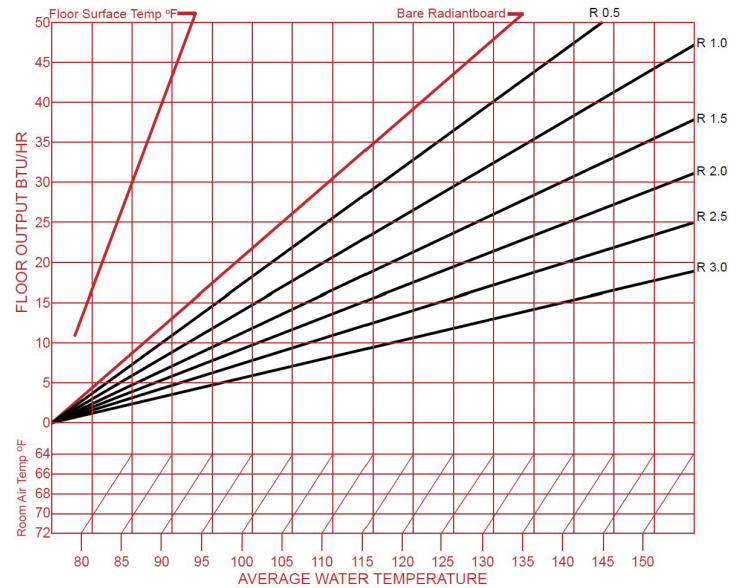
Pallet Capacity: 72 for $\frac{3}{8}$ " EPS || 48 for 1" EPS

Pallet Weight: 1,221 LBS

Packaging: Corner Protected. Shrink Wrapped.

HOW TO USE THE PERFORMANCE CHART

First calculate the heating output required in BTU per hour per square feet. Proceed horizontally right across the page until you intersect the R-Value line of your floor coverings. Then drop straight down vertically to the horizontal line of your desired room temperature, then angle down to the left to read the average required water temperature. For example, if you need 15 BTU per hour per square foot with an R-5 floor covering and a 70F room temperature, you should get 95F average water temperature.



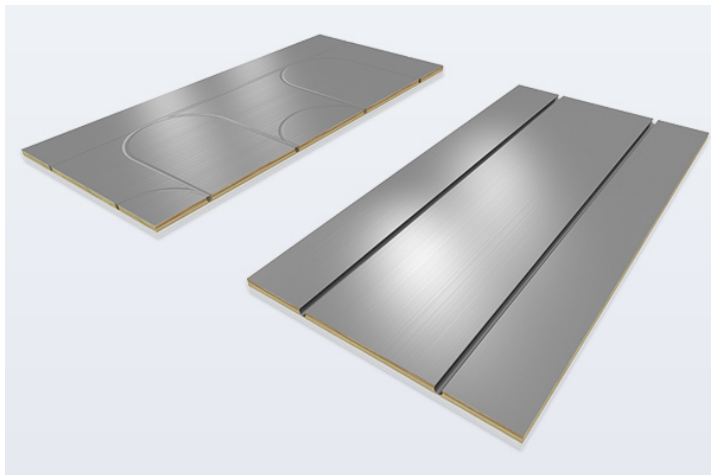
ECOWARM EPS PART NUMBERS

3/8" EPS

STRAIGHT: ECOEPS0375-S2
END COMBO: ECOEPS0375-C2

1.0" EPS

STRAIGHT: ECOEPS10-S2
END COMBO: ECOEPS10-C2



PROJECT SHOP DRAWINGS

