

# Submittal Data Sheet



| Part #    | Description          |
|-----------|----------------------|
| See below | Radiant Panel System |

## Project Information

Job Name:

Location:

Engineer:

Contractor:

Manufacturer's Representative:

Date Submitted:

Submitted by:

Approved by:

## Application

Radiant distribution system for over sub-flooring, walls and ceilings.

Designed to hold radiant tubing and evenly disburse heat energy.



## Product Information

- Panels Constructed of high density EPS (expanded polystyrene)
- Full aluminum sheet formed and adhered to master panel surface and grooves
- Radius and transition panels constructed of EPS only
- Available for use with two pipe sizes - 3/8" and 1/2"
- Offered in master cartons only - coverage - 96 ft<sup>2</sup> (8.9 m<sup>2</sup>)

## Technical Information

|                              |  |
|------------------------------|--|
| EPS compressive strength     | 60psi (4.2kg/cm <sup>2</sup> )         |
| Insulation R-values          | 3/8" - R - 3.7<br>1/2" - R - 4.5       |
| Panel Height                 | 3/8" - 3/4" (19mm)<br>1/2" - 1" (25mm) |
| Pipe groove centers          | 6" (152.4mm)                           |
| Aluminum thickness           | 24 gauge                               |
| Normal operating temperature | 60°F - 140°F<br>15°C - 60°C            |

## Part Numbers

|                          | Part #    | Description                       | Weight lbs (kg) |
|--------------------------|-----------|-----------------------------------|-----------------|
| <input type="checkbox"/> | 237100009 | Radiant Panel System - 3/8"       | 49 (22.3)       |
| <input type="checkbox"/> | 237100010 | Radiant Panel System - 1/2"       | 58 (26.3)       |
| <input type="checkbox"/> | 237100008 | Radius Panels - 3/8" (10 per box) | 2 (0.9)         |
| <input type="checkbox"/> | 237100011 | Radius Panels - 1/2" (10 per box) | 3 (1.4)         |

## Master Carton Contents (96 ft<sup>2</sup> coverage)

|                        |                            |
|------------------------|----------------------------|
| 10 - Master panels     | - 2' x 4' (609mm x 1219mm) |
| 6 - Radius panels      | - 2' x 8" (609mm x 203mm)  |
| 12 - Transition panels | - 2' x 4" (609mm x 102mm)  |

Tubing not included

## Contact Information

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