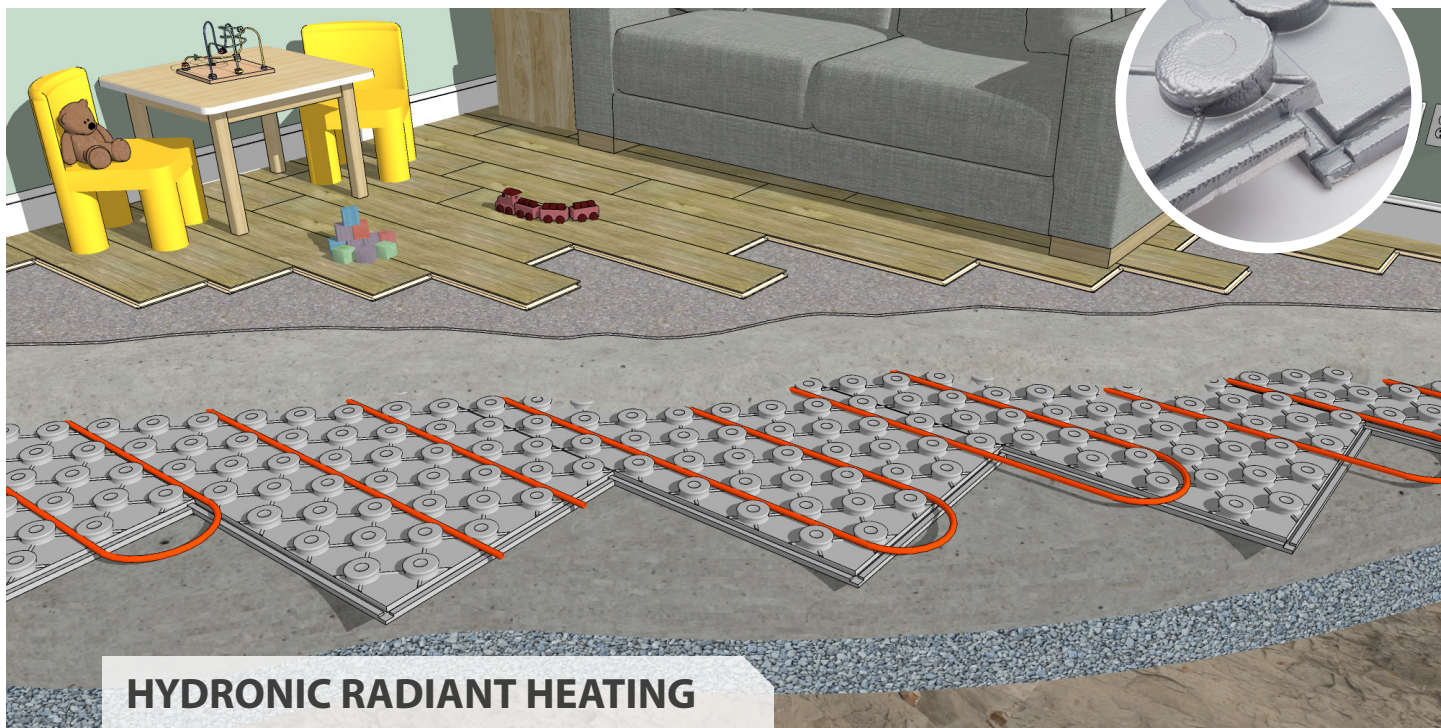


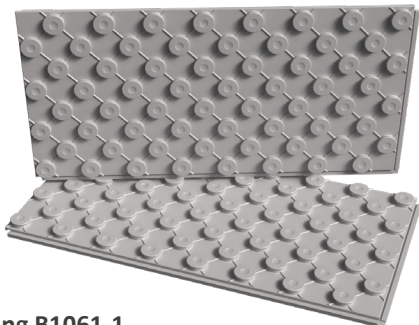
# Ampex Low Profile Insulated Floor Panels



## HYDRONIC RADIANT HEATING

Ampex Low Profile is a non-structural insulated panel used for hydronic radiant floor systems within interior applications. The panels are placed above existing concrete slabs, and overlayed with concrete topping. The combination of closed cell, molded Expanded Polystyrene (EPS) insulation with High Impact Polystyrene (HIPS) film, makes for a resilient panel.

The panel combines high density rigid insulation, a vapor barrier and PEX piping locking mechanism into a single solution that significantly reduces installation time. Ideal for installation above concrete slabs such as in basements, and bathrooms.



QAI Listing B1061-1

## Alleguard Advantage

- Consistent 3" (76mm) grid pattern of the panel allows for uniform pipe layout.
- Each panel is easy to handle due to its low weight and can be easily cut.
- The nub height and HIPS film protects the tubing from damage and dislocation when the panel is walked upon by other trades.
- Quick and easy walk-in installation of PEX piping without the need for staples and zip ties greatly reducing strain on the body.
- The four-sided interlocking shiplap connector system makes for a quick, easy and secure installation while maintaining the continuity of the HIPS film, eliminating the need for a dedicated vapor barrier (unless specifically required by local building code).

### Availability

Ampex Low Profile come as 2x4' (610x1219mm) panels and are ¾" (19mm) thick with ¾" (19mm) high nubs. Thicker panels are available for special order only. Please contact your territory manager for more information.

### Applications

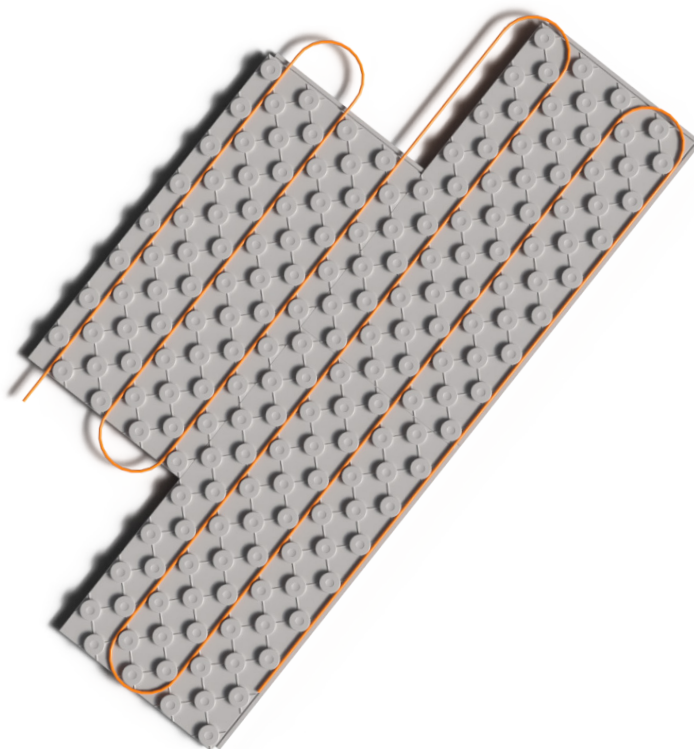
- Above concrete slab
- Basement slab
- Bathroom slab
- Floor Retrofit

### Storage

Store panels in a dry location, protected from the elements. Limit the use of open flame or ignition sources near product. Avoid contact with hydrocarbons and petroleum based products.

### Warranty

Alleguard supports building owners, designers and contractors by offering a 20-year, limited thermal warranty on Ampex product line. This warranty is available to the building owner at the time the building is completed and is transferable to any subsequent owner during the 20-year period.



### Physical Properties Table

	Compressive Strength	Thermal Resistance	Water Vapor Permeance	Flexural Strength	Panel Density	Panel Size <sup>2</sup> W*L	Panel Thickness <sup>3</sup>	Supported PEX Pipe Sizes
	ASTM D1621	ASTM C518	ASTM E96	ASTM C203	ASTM D1622			
	psi (kPa)	F.ft <sup>2</sup> .hr/Btu (m <sup>2</sup> K/W)	US perms (ng/Pa.s.m <sup>2</sup> )	psi (kPa)	lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	inches (mm)	inches (mm)	inches (mm)
AMPEX	30	4.5	0.42	52	1.5	24x48	1-1/2	3/8, 1/2
7515F <sup>1</sup>	(207)	(0.79)	(23.8)	(359)	(24)	(610x1219)	(38)	(10, 13)

<sup>1</sup> CAN/ULC-S701.1 Type 2 or ASTM C578 Type II

<sup>2</sup> Actual panel size is 25.25x49.25" (641x1251mm)

<sup>3</sup> Panel thickness (height) includes height of nubs of ¾" (19mm)

<sup>4</sup> Concrete slab thickness measured from top of nubs

