

# HEATDECK



## Product Information & Technical Data Sheet

Resonate **HEATDECK** is a low profile high performance underfloor heating board. Manufactured from reinforced gypsum, the CNC routed panels are engineered to provide optimum underfloor heating conditions in new build and refurbishment developments.

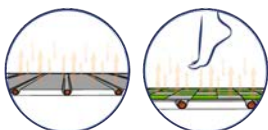
Boards are available in 15, 18 and 25mm thicknesses.

### Dry, Efficient and Fast

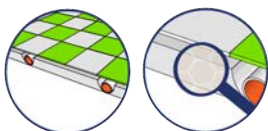
**HEATDECK** is a 100% dry system that is able to accept floor finishes (carpets, wood floors, ceramic tiles etc) within 24 hours of installation. A significant time saving benefit over wet system alternatives.

The underfloor heating pipes are laid inside the **HEATDECK** panels routing pattern. The highly conductive boards transfer the heat from the underfloor heating pipes quickly, efficiently and effectively underfoot and into the surrounding room.

### Key Benefits



**Efficient and fast transfer of heat**



**Suitable for all types of 10, 12, 16mm pipework**



**High heat retention**



**Can be installed as an acoustic system on separating floors**

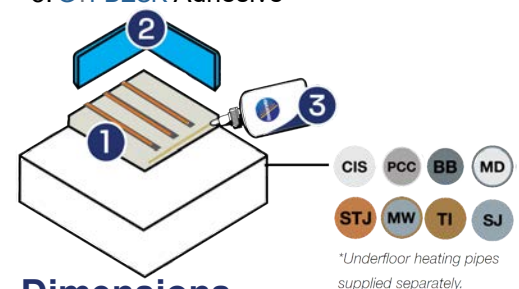


**CNC routing options: Straights, circles, radius returns and universal**



### System Components

1. Resonate **HEATDECK** floor panel
2. **ResoThermEdge** Flanking strip
3. **GYPDECK** Adhesive



### Dimensions

#### Pallet Dimensions

Straights	Circles & Returns	Universal
600mm (W)	600mm (W)	600mm (W)
1200mm (L)	600mm (L)	1200mm (L)
15/18/25mm (H)	15/18mm (H)	15/18mm (H)
600mm (W)	300mm (W)	
800mm (L)	600mm (L)	
15/18mm (H)	15/18mm (H)	

#### Panel Weight (18mm)

1200 X 600 = 14.5 kg per panel
800 X 600 = 9.8 kg per panel
600 X 600 = 7.4 kg per panel
300 X 600 = 3.6 kg per panel

#### Density

1200 kg/m<sup>3</sup>

#### Tolerances

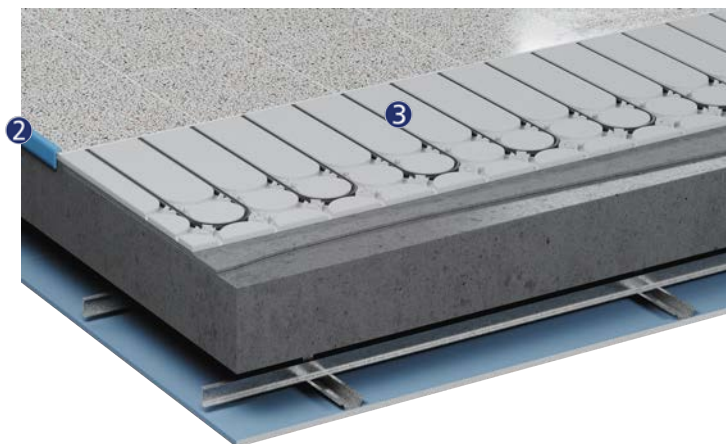
Length & Width = +/- 2mm  
Height = +/- 0.2mm

#### Thermal Conductivity

0.32 W/mk

# Product Applications

## Concrete In-situ Floor CIS

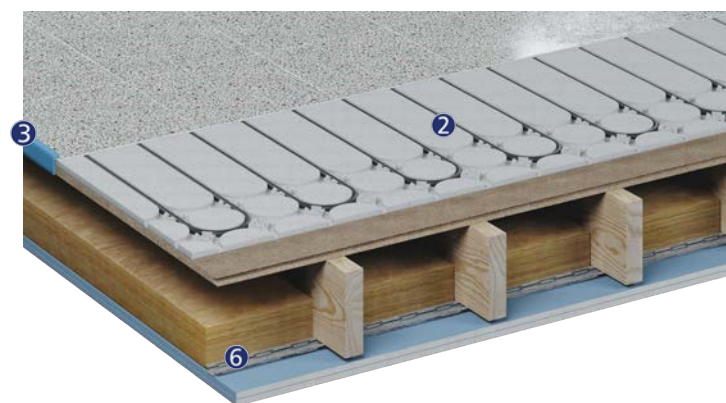


1. Ceramic tiles
2. ResoThermEdge flanking strip
3. UFH pipes laid in Resonate HEATDECK
4. Levelling compound to achieve SR2 flatness
5. 200mm Reinforced insitu concrete slab
6. MF Ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard



Dry HEATDECK panels  
reduce build times  
compared to wet screeds

## Solid Timber Joisted Floor STJ



1. Ceramic tiles
2. UFH pipes laid in Resonate HEATDECK
3. ResoThermEdge flanking strip
4. 200mm (min) timber joists
5. 100mm 45kg/m<sup>3</sup> mineral wool
6. 30mm ResoBar resilient bars
7. 2 x 15mm acoustic plasterboard



Dry HEATDECK panels  
reduce build times  
compared to wet screeds