



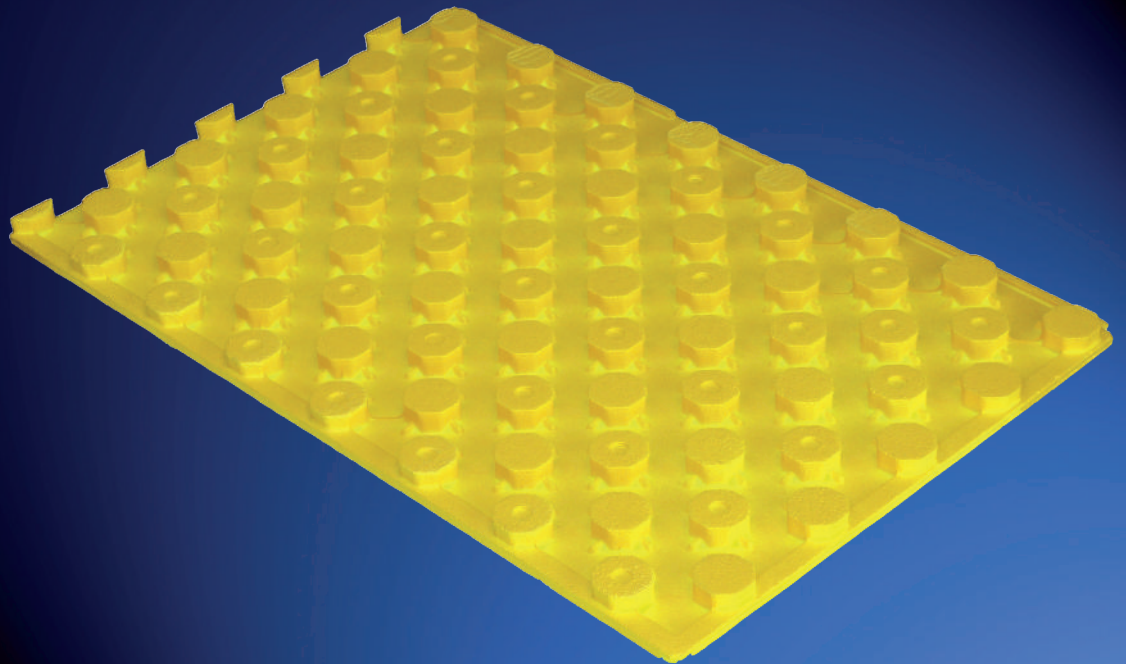
Sirap Group

**Sirap Insulation**

Associated with Italcementi Group

# PAVIFLOOR®

Insulating boards for radiant floor heating and cooling systems



# PAVIFLOOR®



## PAVIFLOOR

PAVIFLOOR thermoformed expanded polystyrene boards have a high-impact polystyrene film (HIPS), bonded onto its upper face, which protects the board from mechanical damage during its installation and acts as a vapour barrier.

### Advantages of a radiant floor heating/cooling system

- Improved temperature distribution
- Preservation of a lower air temperature with little heat loss
- Decreases the formation of dust by increasing air circulation
- Possibility using the system to reduce internal temperature during the summer months
- No visible radiators, with no damage to wall coverings and, most importantly, lower maintenance costs.

### Advantages of PAVIFLOOR

- Reinforced boards
- Zero cold bridges due to the hook joints in the boards
- Quick and easy installation of the piping
- Various mounting possibilities:
  - By integrated stubs (PAVIFLOOR F)
  - By fixing clips (PAVIFLOOR P)
- Environmentally friendly, both CFC and HCFC free with a zero OPD, manufactured from one basic raw material (Polystyrene).

Technical properties	Norm	Measure Unit	Results		
			EPS 120	EPS 150	EPS 200
Dimensions: Length Width Thickness	EN 822	mm	1350±3 mm	1350±3 mm	1350±3 mm
	EN 822		750±2 mm	750±2 mm	750±2 mm
	EN 822		45-50-60±2 mm	45-50-60±2 mm	45-50-60±2 mm
Flatness	EN 825	mm	≤ 5	≤ 5	≤ 5
Compressive strength $R_c$ at 10% max deformation	EN 826	kPa	120	150	200
Dimensional stability (70°C / 48 h.)	EN 1604	%	± 0,5	± 0,5	± 0,5
Declared Thermal conductivity $\lambda_D$	EN 12667	W/mk	0,035	0,034	0,033
Fire reaction	EN ISO 11925-2	Euro Class according to EN 13501-1	Ed2	Ed2	Ed2



## EPS

Thermoformed expanded polystyrene boards with stubs covered with a HIPS film for radiant floor heating and cooling systems



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