

Description

Thermal and acoustic insulating panel in EPS pre-formed sintered expanded polystyrene foam with double density (EPS200 + stretch), in compliance with EN 13163 Annex ZA standard.

It is provided with a 600 micron walkable thermoformed shell with 22 mm reliefs. The edges are overlapping to joint the panels firmly. 50 mm pitch and multiple circuits.

Suitable for 16-17 mm pipe.



Technical performance

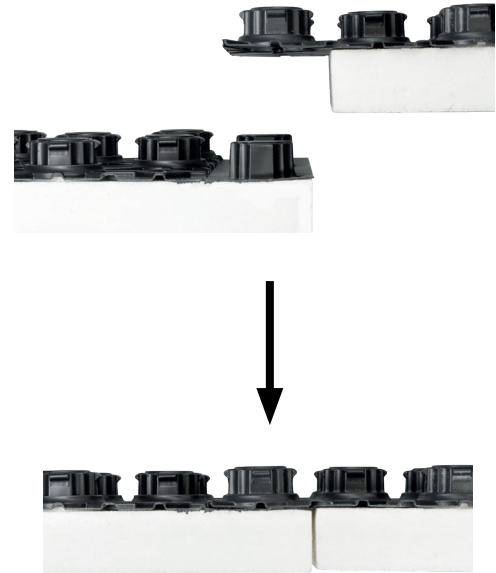
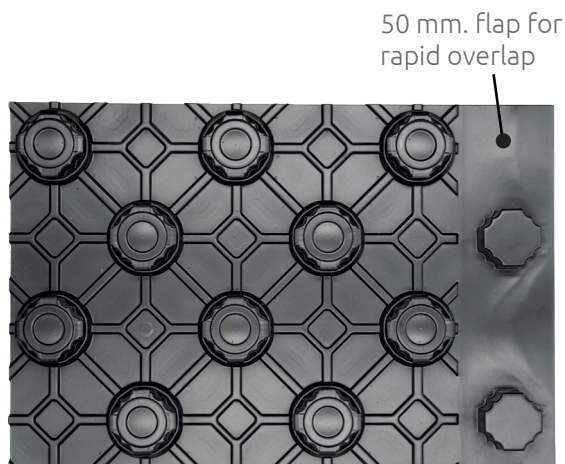
Characteristics	Unit of measure	88P1065399		88P1066399	
Insulating base thickness	mm.	25		35	
Total thickness	mm.	47		57	
Laying pitch	mm.	50			
Cover film	µm	600			
Interlocking		M-F			
Thermal conductivity of elastic expanded polystyrene	W/mK	0,036			
Declared thermal conductivity	W/mK	0,035			
Declared thermal resistance of elastic polystyrene	mqK/W	0,55		0,80	
Declared thermal resistance	mqK/W	0,25			
Dynamic stiffness		12 (SD15)		10 (SD10)	
Compressibility		CP3		CP4	
Under screed acoustic insulation 2000 Kg/m³	mm = dB	30 = 28	40 = 30	30 = 29	40 = 31
		50 = 31	60 = 32	50 = 32	60 = 34
		70 = 33	80 = 34	70 = 35	80 = 35
Water absorption	%	< 5			
Dynamic stability at normal conditions	%	+/- 0,2			
Dynamic stability at a specific condition of humidity and temperature	%	+/- 1			
Reaction to fire	EUROCLASS	E			

Dimensions and packaging

	Unit of measure	88P1053099	88P1054099
Panel dimensions	mm.	1210x810	
Box dimensions	mm.	1200x800	
Net panel surface	m ²	0,96	
Pieces per package	n°	11	9
m ² per package	m ²	10,56	8,64

/ Panel coupling

The P106 panel is characterized by a perimetral coupling with a male-female overlap, which enables a stable, secure and hermetic fit from a possible infiltration of self-levelling screeds, thus avoiding thermal bridges



/ Certifications

ATTENTION: The P105 panel is not certified CAM (Minimum Environmental Criteria).

To request the CAM certified panel, contact us at the following e-mail address: utecom@icmaspa.it