

# Thermoformed insulating panel

## P105

### / Description

Thermoformed insulating panel in sintered expanded polystyrene foam, EPS pre-formed, CE marked in compliance with UNI EN 13163 standard, with thermoformed trampling leaf, thickness 600 micron with 22 mm. embossed reliefs.

It is suitable for pipes with 16 mm. and 17 mm. external diameter.

It has multiple circuits with 50 mm. pitch and overlapping edges to joint the panels firmly.



### / Technical performance

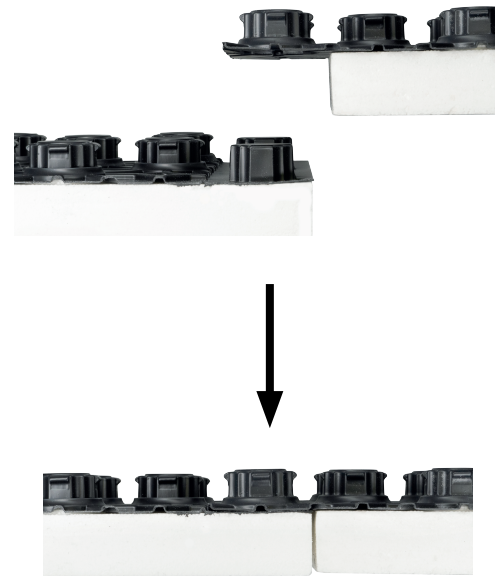
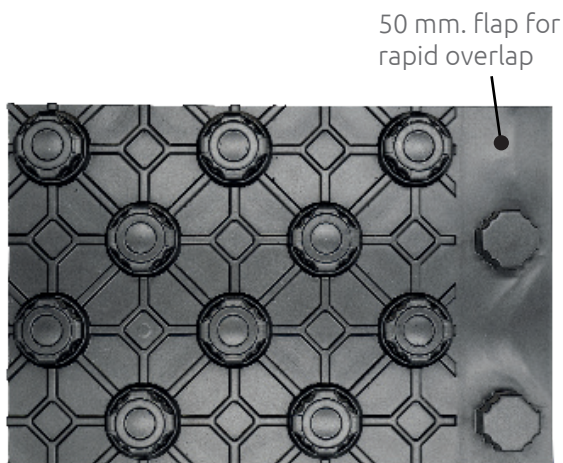
Characteristics	Code EN 13163	Technical regulation	Unit of measure	88P1053099	88P1054099	88P1055099	88P1056099	88P1057099
Insulating base thickness	-	-	mm.	10	20	30	40	50
Knob height	-	-	mm.	22	22	22	22	22
Total panel height	-	-	mm.	32	42	52	62	72
EPS class				200	150	150	150	150
Coating sheets thickness	-	-	µm	600				
Pipe laying pitch	-	-	mm.	50				
Thermal conductivity	$\lambda_b$	EN 12667	W/mK	0,033	0,034	0,034	0,034	0,034
Thermal resistance	$R_b$	EN 12667	m <sup>2</sup> K/W	0.30	0.59	0.88	1.18	1.47
Compressive strength for a deformation of 10%	CS(10)150	UNI EN 826	kPa	150				
	CS(10)200			200				
Long-term water absorption by immersion	WL(T)	UNI EN 12087	% by volume	3				
Reaction to fire	-	ISO 11925-2	EUROCLASS	E				
Water vapour resistance factor	-	UNI 8054	µ	10.000				
Dimensional stability at -25°C	-	UNI 8069	%	0,15				
Dimensional stability at +70°C	-	UNI 8069	%	0,4				
Operation limit temperature	-	-	°C	-30/80				

### / Dimensions and packaging

	Unit of measure	88P1053099	88P1054099	88P1055099	88P1056099	88P1057099
Panel dimensions	mm.	1400x800				
Box dimensions	mm.	1450x850				
Net panel surface	m <sup>2</sup>	1,12				
Pieces per package	-	22	16	12	10	8
m <sup>2</sup> per package	-	24,64	17,92	13,44	11,2	8,96

### / Panel coupling

The P105 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](mailto:utecom@icmaspa.it)