



## EU DECLARATION OF CONFORMITY

The company ICMA S.p.A., manufacturer of components for heating systems, cooling and sanitary distribution systems, based in Cuggiono (MI), via Garavaglia, 4, whose design and production processes comply with the requirements of the standard UNI EN ISO 9001,

DECLARES THAT

It is a distributor of thermoformed insulating panels item P105-P105G-P105SG-P106-P115 with the following Declarations of Performance:



LAVORAZIONE POLISTIRENE ESPANSO

### DECLARATION OF PERFORMANCE NO. 263 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	THERMOFORMED PANEL 88P105 EPS200	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	I.I.P. - ISTITUTO ITALIANO DEI PLASTICI S.R.L. N.B. no. 1597 LGAI TECHNOLOGICAL CENTER, S.A./Applus N.B. no. 0370	
	DECLARED PERFORMANCE	
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)2.0
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.033$ W/mK
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 40-100

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY

COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)200
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>

\*NO PERFORMANCE DETERMINED

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

PLACE AND DATE OF ISSUE  
IN POZZO D'ADDA (MI)  
ON 15 SEPTEMBER 2022

SIGNED IN THE NAME AND ON BEHALF OF THE MANUFACTURER  
PAOLO ANDREA BRAMBILLA  
DIRECTOR



LAVORAZIONE POLISTIRENE ESPANSO


### DECLARATION OF PERFORMANCE NO. 264 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	THERMOFORMED PANEL 88P105 EPS150
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it
VVCP SYSTEMS	System 3
HARMONISED STANDARD	UNI EN 13163:2017
NOTIFIED TESTING LABORATORIES	I.I.P. - ISTITUTO ITALIANO DEI PLASTICI S.R.L. N.B. no. 1597 LGAI TECHNOLOGICAL CENTER, S. A./Applus N.B. no. 0370

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY

ESSENTIAL FEATURES	DECLARED PERFORMANCE	
	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T) 0.5
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.034 \text{ W/mK}$
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 30-70
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)150
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>
*NO PERFORMANCE DETERMINED		
THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.		
PLACE AND DATE OF ISSUE IN POZZO D'ADDA (MI) ON 15 SEPTEMBER 2022	SIGNED IN THE NAME AND ON BEHALF OF THE MANUFACTURER PAOLO ANDREA BRAMBILLA DIRECTOR  	

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY



LAVORAZIONE POLISTIRENE ESPANSO


### DECLARATION OF PERFORMANCE NO. 512 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	THERMOFORMED PANEL 88P105G EPS200 GRAPHITE	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	ISTITUTO ITALIANO DEI PLASTICI S.R.L. N.B. no. 1597 LGAI TECHNOLOGICAL CENTER, S. A./Applus N.B. no. 0370	
	<b>DECLARED PERFORMANCE</b>	
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)6.5
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.030$ W/mK
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 30-70
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)200
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time

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DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>
*NO PERFORMANCE DETERMINED		
THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.		
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LAVORAZIONE POLISTIRENE ESPANSO

### DECLARATION OF PERFORMANCE NO. 513 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	THERMOFORMED PANEL 88P105G EPS150 GRAPHITE	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	ISTITUTO GIORDANO S.p.A. N.B. no. 0407	
DECLARED PERFORMANCE		
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)4.0
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN




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SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.030 \text{ W/mK}$
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 50-90
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)150
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>

\*NO PERFORMANCE DETERMINED

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

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## EU DECLARATION OF CONFORMITY



LAVORAZIONE POLISTIRENE ESPANSO


### DECLARATION OF PERFORMANCE NO. 514 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	DOUBLE DENSITY PANEL 88P106	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	I.P. - ISTITUTO ITALIANO DEI PLASTICI S.R.L. N.B. no. 1597 LGAI TECHNOLOGICAL CENTER, S. A./Applus N.B. no. 0370	
	<b>DECLARED PERFORMANCE</b>	
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)2.0 (upper layer) WL(T)0.5 (lower layer)
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.033$ W/mK (upper layer) $\lambda_D = 0.036$ W/mK (lower layer)
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 40-100 (upper layer) $\mu$ 30-70 (lower layer)
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)200 (upper layer) CS(10)80 (lower layer)
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY

DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>
*NO PERFORMANCE DETERMINED		
THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.		
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### DECLARATION OF PERFORMANCE NO. 515 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	THERMOFORMED PANEL 88P105SG EPS500 GRAPHITE	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	ISTITUTO GIORDANO S.p.A. N.B. no. 0407	
DECLARED PERFORMANCE		
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)5.0
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY

SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.030 \text{ W/mK}$
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 100-160
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)500
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>

\*NO PERFORMANCE DETERMINED

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

PLACE AND DATE OF ISSUE  
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SIGNED IN THE NAME AND ON BEHALF OF THE MANUFACTURER  
PAOLO ANDREA BRAMBILLA  
DIRECTOR



## EU DECLARATION OF CONFORMITY



LAVORAZIONE POLISTIRENE ESPANSO

### DECLARATION OF PERFORMANCE NO. 511 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	WHITE EPS400 TRILOGY PANEL – P115	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	ISTITUTO GIORDANO S.p.A. N.B. no. 0407	
	<b>DECLARED PERFORMANCE</b>	
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)6.0
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>
IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_D = 0.032 \text{ W/mK}$
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 50-110
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)400
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN




## EU DECLARATION OF CONFORMITY

DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>

\*NO PERFORMANCE DETERMINED

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

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LAVORAZIONE POLISTIRENE ESPANSO

### DECLARATION OF PERFORMANCE NO. 510 REG (EU) N.305/2011 - DELEGATED REGULATION (EU) NO. 574/2014

UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE	WHITE EPS200 TRILOGY PANEL – P115	
INTENDED USE	Panel for underfloor radiant system in EPS coated with PS for thermal insulation in buildings - ThIB	
MANUFACTURER	POLIPLAST S.r.l. Via del Lavoro, 22 - 20060 Pozzo d'Adda Milan Tel. 02.90967123 - Fax 02.90968175 E-mail: info@isolantipoliplast.it	
VVCP SYSTEMS	System 3	
HARMONISED STANDARD	UNI EN 13163:2017	
NOTIFIED TESTING LABORATORIES	I.I.P. - ISTITUTO ITALIANO DEI PLASTICI S.R.L. N.B. no. 1597 LGAI TECHNOLOGICAL CENTER, S. A./Applus N.B. no. 0370	
DECLARED PERFORMANCE		
ESSENTIAL FEATURES	PERFORMANCE	CLASS
REACTION TO FIRE	Euroclass	E
SELF-FUELLED COMBUSTION	Self-fuelled combustion	NPD <sup>A</sup>
WATER PERMEABILITY	Absorption of water by total immersion for a long period	WL(T)2.0
RELEASE OF HAZARDOUS SUBSTANCES INTO THE INDOOR ENVIRONMENT	Release of hazardous substances	NPD <sup>A</sup>
SOUND INSULATION INDEX (AIRBORNE)	Dynamic rigidity	NPD <sup>A</sup>

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN



## EU DECLARATION OF CONFORMITY

IMPACT NOISE TRANSMISSION INDEX (FOR FLOORS)	Dynamic rigidity	NPD <sup>A</sup>
	Thickness dL	NPD <sup>A</sup>
	Compressibility	NPD <sup>A</sup>
THERMAL RESISTANCE	Thermal resistance	See label on packaging
THERMAL CONDUCTIVITY	Thermal conductivity	$\lambda_0 = 0.033 \text{ W/mK}$
THICKNESS DIMENSIONAL TOLERANCE	Thickness	T(2)
WATER VAPOUR PERMEABILITY	Water vapour transmission.	$\mu$ 40-100
COMPRESSIVE STRENGTH	Compressive strength at 10% deformation	CS(10)200
BENDING/TENSILE STRENGTH	Flexural Strength	NPD <sup>A</sup>
	Tensile strength perpendicular to the sides	NPD <sup>A</sup>
DURABILITY OF REACTION TO FIRE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The fire performance of the EPS does not deteriorate over time
DURABILITY OF THERMAL RESISTANCE AGAINST HEAT, ATMOSPHERIC AGENTS, AGEING, DEGRADATION	Durability features	The thermal conductivity of the EPS does not change over time
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING, DEGRADATION	Creep- Compression viscous flow	NPD <sup>A</sup>
	Resistance to frost-thawing	NPD <sup>A</sup>
	Long term thickness reduction	NPD <sup>A</sup>

\*NO PERFORMANCE DETERMINED

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE COMPLIES WITH ALL THE DECLARED PERFORMANCES. THIS DECLARATION OF RESPONSIBILITY IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) NO. 305/2011, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

PLACE AND DATE OF ISSUE  
IN POZZO D'ADDA (MI)  
ON 15 SEPTEMBER 2022

SIGNED IN THE NAME AND ON BEHALF OF THE MANUFACTURER  
PAOLO ANDREA BRAMBILLA  
DIRECTOR



## EU DECLARATION OF CONFORMITY

ICMA S.p.A. guarantees that, while a construction product is under its responsibility, storage or transportation conditions do not compromise its conformity with the manufacturer's declaration of performance and compliance with other applicable requirements set out in Regulation (EU) no. 305/2011.

Cuggiono (MI) – 11/09/2025

The Chief Executive Officer  
Stefano Fracchia

A handwritten signature in black ink, appearing to read 'Stefano Fracchia', is written over the printed name of the Chief Executive Officer.

Declaration No. DC\_DoP\_P105-P105G-P105SG-P106-P115.09.25.EN