

Declaration of Performance

according to Annex III of Regulation (EU) No. 305/2011 for the product

ThermoSave[®]

1. Product type	ThermoSave[®] , thermal insulating coating
2. Batch number	Can be identify on the package
3. Intended use: intended use or uses of the construction product as intended by the manufacturer, in accordance with the applicable harmonized technical specification	<p>Thermo Save[®] is an environmentally friendly thermal insulating coating paint. It is a 1 k product based on voided nanoparticles that, once applied, has excellent insulating properties.</p> <p>ThermoSave[®] is a homogeneous, water-dilutable product with a pasty consistency.</p>
4. Registered trade name and manufacturer adress	<p>ThermoSave[®] Manufacturer contact: EUROPLASTIC S.R.L., Blvd. Timisoara 98E, district 6, Bucharest, Romania</p>
5. Contact address for Italy	<p>PIENNE SERVICES S.R.L., Via Colle Capito 130, Veroli (FR)03029, Italy Contact: info.pienneservicesrsl@gmail.com</p>
6. System or systems	System 4
7. Notified body (hEN)	<p>The Notified Verification Body of the European Commission NB 2011 in connection with the Ministry ofRegional Development and Public Administration Permanent Technical Council for Works Technical Secretariat of the Council for Buildings Pantelimon St. No. 266, District 2, Bucharest -Romania</p>
8. Notified body (ETA)	Not applicable

Declared performances

Main features	Performance	Test method	Harmonised technical specification
Density	0.7 ± 0.1 <i>kg/l</i>	EN ISO 2811/1:2011	EN 1504-2:2005
Dry substance content	62 ± 5 %	EN ISO 3251:2003	
Viscosity Brookfield	min. 20.000 cP	EN ISO 2555:2003	
Tensile adhesion, concrete support	>0,5 MPa	EN ISO 4624:2003	
Tensile grip, metal support	>0,5 MPa	EN ISO 4624:2003	
Long-term temperature resistance (on metal structures, 240 hours at 150°C)	0,64 MPa	EN ISO 3248:2001	
Resistance against temperature differences (on concrete structures after 5 cycles)	With no visible damage or abnormal appearance >1,06 MPa	EN 60068-2-14:2010 EN ISO 4624:2003	
Thermal conductivity at 10° C	0,0016 <i>W/mK</i>	SR EN 12667:2002	EUROPLASTIC self evaluation
Reaction to fire	Class A2	EN ISO 13501-1 + A1	Cert. by National Center for fire safety, Ministry of Internal Affairs, 2022
Liquid water permeability	$\leq 0,1$ <i>kg/m²h^{0,5}</i>	EN ISO 1063-3:2008 EN ISO 1062-1	Central Laboratory, Romania
Diffusion of water vapor (<i>S_d</i>)	$\geq 0,1$ m	EN ISO 1061-1	
Water capilarity transmission rate (V)	≥ 150 <i>gr/m² 24h</i>	EN ISO 7783:2012	
Specific Heat	0,12 – 0,13 kJ/grK	TRANSIENT HOT STRIP METHOD	DIN EN 993-14, DIN EN 993-15

The performance of the product in accordance with numbers 1 and 2 corresponds to the declared performance in accordance with the table #2. The manufacturer is solely responsible for drawing up this declaration of performance of the product.

Ecological, health and safety information (REACH)

For detailed information on the safe handling, storage and disposal of chemical products, please consult the latest safety data sheet at www.europlastic.ro, which contains physical, ecological, toxicological and other safety-related data.

Legal Notice:

The above information, in particular the suggestions for the processing and use of our products, are based on our knowledge and experience in normal cases, provided that the products have been properly stored and used. Different materials, substrates and different working conditions can guarantee a work result or liability, regardless of the legal relationship, neither from this information nor from an oral consultation, unless we are guilty of willful intent or gross negligence falls. In doing so, the user has to prove that he has provided Sika with all of the knowledge required for a proper and promising assessment by Sika in a timely and complete manner. The user has to check the products for their suitability for the intended purpose.

Changes at the product specifications are reserved. Rights of third parties must be observed. In addition, our respective terms of sale and delivery apply. The latest product data sheet, which can be requested from us, applies.

Eng. Marcel Ionescu

Founder & CEO

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