Hellenic Accreditation System

Annex F1/14 to the Certificate No. **100**-7

SCOPE of ACCREDITATION

of the

Energy Measurements Laboratory

of the

Center for Renewable Energy Sources and Saving

Materials/ Products to be tested	Types of test/ Properties to be measured	Harmonized Standard/ Applied Methods/ Techniques to be used
Physical tests		
Solid homogeneous building materials	Measurement of Thermal Conductivity Coefficient (λ)	ISO 8302: 1991, the entire Standard, except for § 3.2.2.3 ELOT EN 12664:2001, the entire Standard, except for § 6.3.3
	Measurement of Thermal Resistance (R)	

Materials/ Products to be tested	Types of test/ Properties to be measured	Harmonized Standard/ Applied Methods/ Techniques to be used
Thermal insulation products for buildings	Regulation (EU) 305/2011 *System 3*	
Factory made mineral wool (MW) products	ELOT EN 13162: 2012+A1:2015 § 4.2.1	
Factory made products of expanded polystyrene (EPS)	ELOT EN 13163: 2012+A2:2016, § 4.2.1	
Factory made products of extruded polystyrene foam (XPS)	ELOT EN 13164: 2012+A1:2015, § 4.2.1	
Factory made rigid polyurethane foam (PUR) products	ELOT EN 13165: 2012+A2:2016, § 4.2.1	
Factory made products of phenolic foam (PF)	ELOT EN 13166: 2012+A2:2016, § 4.2.1	
Factory made cellular glass (CG) products	ELOT EN 13167: 2012+A1:2015, § 4.2.1	
Factory made wood wool (WW) products	ELOT EN 13168: 2012+A1:2015, § 4.2.1	
Factory made products of expanded perlite (EPB)	ELOT EN 13169: 2012+A1:2015, § 4.2.1	
Factory made products of expanded cork (ICB)	ELOT EN 13170: 2012+A1:2015, § 4.2.1	
Factory made wood fibre (WF) products	ELOT EN 13171: 2012+A1:2015, § 4.2.1	
	Measurement of Thermal Conductivity Coefficient (λ)	ELOT EN 12667:2001, the entire Standard, except for § 6.3.3 / Guarded hot plate apparatus
	Measurement of Thermal Resistance (R)	
Building materials / components	Measurement of Thermal Transmittance Coefficient	ELOT EN ISO 8990:1997
	Measurement of Thermal Resistance	
Windows and doors	Regulation (EU) 305/2011 ELOT EN 14351-1+A2: 2016, § 4.12 *System 3*	
	Measurement of Thermal Transmittance Coefficient	ELOT EN ISO 12567-1:2010 / Guarded hot box apparatus
	Measurement of Thermal Resistance	

** These Standards have been withdrawn and replaced by the corresponding versions of the 2012.*

Site of assessment: **Permanent laboratory premises, 19th km. Marathonos Ave., Pikermi, Attiki, Greece.**
Approved signatory: **Andreas Androutsopoulos.**

This Scope of Accreditation replaces the previous one dated July 27th, 2022.
The Accreditation Certificate No. **100**-7, to ELOT EN ISO/IEC 17025: **2017**, is valid until September 23rd, 2027.

Athens, March 6th, 2023

Christos Nestoras
CEO of ESYD