Hellenic Accreditation Council

Annex F1/6 to the Certificate No. **1191**-4

SCOPE of ACCREDITATION

of the

Laboratory of Heterogeneous Mixtures and Combustion Systems – Fire Engineering Unit

of the

Thermal Engineering Section, School of Mechanical Engineering,

of

National Technical University of Athens

Tested materials/ products	**Types of test/ Properties to be measured**	**Applied Standards/ Techniques to be used**
Thermo-mechanical Testing		
Construction Products	**European Regulation 305/2011/EU Annex V.3**	
	1. Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test	EN ISO 11925-2:2020
	2. Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item	EN 13823:2020+A1:2022
	3. Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value)	EN ISO 1716:2018
	4. Reaction to fire tests for products – Non-combustibility test	EN ISO 1182: 2020
Construction Products	Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests	EN 13501-1:2019
	Standard test method for determination of	IEEE Standard 422 (2012)

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Construction Products	thermal conductivity of soil and rock by thermal needle probe procedure	
Soil materials	Standard test method for determination of thermal conductivity of soil and rock by thermal needle probe procedure	ASTM D5334:2022ae1

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Approved signatory: **Prof. M.Founti, Dr D.Kolaitis, Dr G.Zannis,Dr. I.Mandiralas**

This Scope of Accreditation replaces the previous one dated , April 11th, 2024.
The Accreditation Certificate No. **1191**-4 according to **ELOT EN ISO/IEC 17025:2017** is valid until December 19th, 2028.

Athens, November 4th, 2024

Konstantinos Kourtalis
Chairman of ESYD