

Hellenic Accreditation System



ACCREDITATION CERTIFICATE

No. 1200-2

The Hellenic Accreditation System (ESYD), as the national accreditation body of Greece in accordance with the Law 4468/2017,

ACCREDITS

of the

Testing Laboratory
of

“G. KARYDIS - DOMO+LYSISLAB –
Laboratory of Structural Assessment and Protection”
in Athens, Greece

under the terms of the ELOT EN ISO/IEC 17025:2017 Standard, to carry out tests, as specified in the attached Scope of the Accreditation, which may be revised by ESYD.

The initial accreditation was issued on February 10th, 2020. This Certificate renews the accreditation, and is valid until February 10th, 2029, and it is subject to continuing compliance of the accredited body with the Regulations and the Criteria of ESYD.

Athens, March 21st, 2025


Konstantinou Evangelos Apostolos
CEO of ESYD

Hellenic Accreditation System



Annex F1/5 to the Certificate No. **1200-2**

SCOPE of ACCREDITATION
of the
Testing Laboratory
of
**“G. KARYDIS - DOMO+LYSISLAB –
Laboratory of Structural Assessment and Protection”**

Tested Materials / Products	Types of Test / Properties to be measured / Procedures	Applied Standards / Techniques to be used
Non-Destructive Testing		
Hardened Concrete	1. Determination of rebound number in concrete structures.	EN 12504 - 2: 2021
	2. Determination of ultrasonic pulse velocity in concrete structures.	EN 12504 - 4: 2021
Metals / Hardened Concrete	3. Investigation of steel reinforcement concrete members with the operation of electromagnetic device. Estimation the position, depth and size of steel reinforcement rods.	BS 1881 - 204: 1988
	4. Standard test method for corrosion potentials of uncoated reinforcing steel in concrete.	ASTM C 876 – 22B
Coatings – Lining Systems	5. Determination of the film thickness of coatings on metallic and non-metallic substrate using an ultrasonic gage.	EN ISO 19397: 2024

Tested Materials / Products	Types of Test / Properties to be measured / Procedures	Applied Standards / Techniques to be used
Physical Testing		
Concrete	1. Determination of carbonation depth in hardened concrete by the phenolphthalein method.	EN 14630: 2007
	2. Making and curing specimens for strength tests.	EN 12390 - 2: 2019
Coatings – Lining Systems	3. Determination of dry film thickness by wedge-cut method.	EN ISO 19399: 2016 Method A - (Scribe)
Mechanical Testing		
Hardened Concrete	1. Determination of concrete strength at cored specimens of hardened concrete. Taking, examining and testing in compression.	EN 12504-1:2019
	2. Determination of compressive strength of hardened concrete.	EN 12390-3:2019 Hellenic Concrete Technology Regulation (KTS) 2016
Cementitious Mortars / Cementitious Slurries	3. Determination of adhesion strength (Pull-Off) for products and systems used for repair and protection of reinforced concrete structures.	EN 1542: 1999 Testing only on site. Does not comply with §2 §4.1, 4.2, 4.3, 4.4, 4.12, §5, §6.
Fiber Reinforced Polymers (FRP) Laminates	4. Determination of adhesion strength (Pull-Off) for FRP laminate systems bonded to concrete and masonry substrates.	ASTM D7522 / D7522M - 21
Coatings – Lining Systems	5. Determination of adhesion strength (Pull-Off) for paints and varnishes.	EN ISO 4624: 2023 Method B (Rigid substrates) Testing only on site. Does not comply with §6, §7, §8.1, 8.2

Site of assessment: **Laboratory permanent premises: Distomou 97 - Kolonos - Athens - 10443, Athens**
Approved signatories: **Georgios Karydis, Besian (Ioannis) Tsaousdelo**

This Scope of Accreditation replaces the previous one dated July 25th, 2024.
The Accreditation Certificate No. **1200-2** to **ELOT EN ISO/IEC 17025:2017**, is valid until August 9th, 2029.

Athens, March 21st, 2025


Konstantinou Evangelos Apostolos
CEO of ESYD