Hellenic Accreditation System

Annex F1/5 to te 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**7 to **ELOT EN ISO/IEC 17025:2017**, is valid until August 9th, 2029.

Athens, March 21st, 2025

Konstantinou Evangelos Apostolos
CEO of ESYD