Hellenic Accreditation System

Annex F1/3 to the Certificate No. 1297

SCOPE of ACCREDITATION

of the

Gkrimotsis – Mentesidi partnership "GRASSFORM"

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Natural Turf	Determination of thatch depth of natural turf	EN 12232: 2003 Surfaces for sports areas – Determination of thatch depth of natural turf
Natural Turf	Determination of rotational resistance	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of rotational resistance (Test Method 06)
Natural Turf	Determination of vertical water infiltration rate	EN 12616:2023 (Part 1, Method C) Surfaces for sports areas — Test methods for the determination of vertical water infiltration and horizontal water flow rates
Natural Turf	Determination of surface hardness	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of surface hardness (Test Method 13)
Natural Turf	Assessment of surface planarity	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Assessment of surface planarity (Test Method 07)
Natural Turf	Determination of ball rebound	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of ball rebound (Test Method 01)

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Natural Turf	Determination of ball roll	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of ball roll (Test Method 02)
Natural Turf	Determination of shock absorption	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of shock absorption (Test Method 03)
Natural Turf	Determination of vertical deformation	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of vertical deformation (Test Method 04)
Natural Turf	Determination of energy restitution	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of energy restitution (Test Method 05)
Natural Turf	Determination of ground cover of natural turf	FIFA – Quality Programme for Natural Playing Surfaces – October 2021 edition – version 1.0 – Determination of ground cover of natural turf (Test Method 19)
Artificial Turf	Determination of ball rebound	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Determination of ball rebound (Test Method 01)
Artificial Turf	Assessment of surface planarity	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022– Assessment of surface planarity (Test Method 12)
Artificial Turf	Determination of ball roll	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Determination of ball roll (Test Method 03)
Artificial Turf	Measurement of infill depth	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Procedure for the measurement of infill depth (Test Method 21)

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Artificial Turf	Measurement of non-elongated free pile height	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Procedure for measuring non-elongated free pile height (Test Method 18)
Artificial Turf	Determination of light weight rotational resistance	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 –Determination of light weight rotational resistance (Test Method 06a)
Artificial Turf	Determination of shock absorption	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Determination of shock absorption (Test Method 04a)
Artificial Turf	Determination of vertical deformation	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 – Determination of vertical deformation (Test Method 05a)
Artificial Turf	Determination of energy restitution	FIFA – Quality Programme for Football Turf, Test Manual I, Test Methods – October 2015 edition – version 3.4 01.02.2022 –Determination of energy restitution (Test Method 13)
Artificial Turf	Determination of vertical water infiltration rate	EN 12616: 2023 (Part 1 – Method B) Surfaces for sports areas - Test methods for the determination of vertical water infiltration and horizontal water flow rates

Site of assessment: **Laboratory permanent premises, Xar.Trikoupi 96, Agrinio, Greece**
Approved signatories: **A.Gkrimotsis**

This Scope of Accreditation replaces the previous one dated December 23rd, 2024.
The Accreditation Certificate No.**1297** to ELOT EN ISO/IEC 17025:2017, is valid until May 10th, 2026.

Athens, January 20th, 2025

Konstantinou Evangelos Apostolos
CEO of ESYD