

SYSTEM POLYFLEX AEL – EX

Total thickness of 6mm – 14mm

Classified by I.T.F. - International Tennis Federation



Outdoor highly flexible, acrylic system ideal for tennis, basketball, volleyball, handball, multipurpose courts, as well as any other outdoor sports court. Combination of prefabricated shock-pads and acrylic coating in average total thickness of 6 mm – 14mm.

Steps :

1. **PU FLEX 140 – Special, polyurethane, two component, adhesive.** Used for the application of ISOPOL 854 shock-pad in rolls or other prefabricated shock-absorbent rolls made from recycled rubber or EPDM granules. Applied with a V-notched trowel of 2mm.
2. **ISOPOL 854 – Shock-pad in rolls.** Elastic, prefabricated shock-pad made of recycled rubber granules providing shock-absorbency, in thickness of 4mm up to 12mm. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **ELASTOTURF 851 - Acrylic, elastic, slip resistant coating for sports floors systems.** Consists of acrylic resins, quartz sand and special improver. It is combined with ISOPOL 854 as substrate to create multipurpose sports flooring systems. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying. Applied by squeegee in 2 layers at least.
4. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor surfaces.**
Applied by a short-haired mohair roller and airless sprayer.

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

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57010, Thessaloniki, Greece
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Accounting Office
19 Mitropoleos Str
54624, Thessaloniki, Greece



Substrate

Asphalt is the safer subfloor for sport floorings for sure and must be always preferred than concrete surfaces.

A. Asphalt Substrate

The asphalt must have a slope of 0.7-1% and must dry for at least 30 days so that all solvents from the asphalt can evaporate.

The asphalt sub-floor should be applied on well compacted 150mm road base sub-floor and asphalt should be laid in one layer (and not 2) in 6 to 8cm with fine and coarse aggregates (up to 15mm granulometry) like the kind of asphalt used in road construction.

So, new road-grade asphalt will have to be laid (minimum 60mm) in one layer containing coarse aggregates and then mature for 30 days at least, before any application takes place on top of the asphalt to avoid bubbles on the final layer of the sport or rubber floorings.

Asphalt Infrastructure

| | |
|--|---|
| | Fine asphalt base in thickness of 6cm with very fine aggregates by finisher |
| | Asphalt primer |
| | Good compaction by vibration |
| | Fine gravel 10cm |
| | Gravel stone in thickness of 15cm |

Tools:



Colors: Following colorchart.

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The colors may vary slightly from the original due to digital representation.

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CLASSIFIED COURT PACE

2
MEDIUM-SLOW

POLYFLEX AEL EX

as supplied by

Kataskeves Dapedon Ltd.

has been classified as

CATEGORY 2 - Medium-slow

Expiry Date : 20 March 2021



Jamie Capel-Davies
Head, Science & Technical

This Classification was established using the product composition described in test report no. 01/02-17-L-LFR-387-A

Note: ITF classification does not imply any form of ITF approval or endorsement

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CERTIFICATE

Management system as per
ISO 9001 : 2015
Quality Management Systems-Requirements

In accordance with TÜV HELLAS (TÜV NORD) S.A., procedures, it is hereby certified that

KATASKEVES DAPEDON L.T.D.
Head Quarters: 19, Mitropoleos Str.
546 24 Thessaloniki
Branch: Lakkoma
630 80 Chalkidiki
Hellas



KDF
Sports Flooring Systems & Building Materials
45 YEARS OF EXPERIENCE

applies a management system in line with the above standard for the following scope

Production and Sale of Sports Flooring Systems.

Certificate Registration No. 041 17 0182
Audit Report No. E-2997/2018

Valid from 2017-12-20
Valid until 2020-12-19
Initial certification 2017



TÜV HELLAS (TÜV NORD) S.A. Certification Body

Athens, 2018-10-20

This certification was conducted in accordance with the TÜV HELLAS (TÜV NORD) S.A. auditing and certification procedures and is subject to regular surveillance audits.



ISO Certification
No of certificate 185



TÜV HELLAS S.A. 282, Mesogeion Ave., 155 62 Cholargos, Athens, Greece