

SYSTEM SDECOQUARTZ

Cycling Track System



Consists of colored quartz aggregates broadcasting (in granulometry of 0.7mm – 1.2mm) and two-component polyurethane resins for outdoor applications. Recommended for cycling tracks, for antislip outdoor floorings, ramps, stairs, in surrounding areas of swimming pools, in city squares, etc.

Steps :

1. **PU PRIMER 870.** Polyurethane primer.
2. **COLOR QUARTZ AGGREGATES** – In granulometry of 0.7mm-1.2mm.
3. **PU COATING** – Polyurethane, UV-resistant, two-component coating.
4. **COLOR QUARTZ AGGREGATES** – In granulometry of 0.7mm-1.2mm.
5. **PU VARNISH 807** – Polyurethane, two-component UV-resistant sealing coat. Highly resistant to adverse weather conditions (snow, frost, heat waves, etc).

Preparation – Application

Applied only on dry asphalt and concrete surfaces (over 30 days old from date of placement) without rising humidity issues and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- On fine smooth asphalt (after the application of special pore filler ELASTOSPORT 853) or on smooth waterproof power troweled concrete, **application of the special UV, aliphatic, polyurethane resin PU PRIMER** in 2 layers with total consumption 0,3-0,4 kg per square meter.
- Then, before the coating dries, broadcasting of coloured quartz sand in granulometry 0.3-0.6mm or 0.8-1.2mm. Next day removal of the coloured sand that didn't stick on the surface and brooming it saving it in bags for the next broadcasting layer.
- Then after the coloured sand is totally removed we apply one more layer of **PU COATING** – polyurethane UV resistant, two component coating and we broadcast one more layer of coloured sand. Then again we remove the sand that is not stucked and then we apply one more plasticizing layer of **PU VARNISH 807**.
- The final result is a very strong UV resistant flooring that has high durability

Important Remarks

- ✓ In case of extremely rough and sharp cement or asphalt surfaces it is recommended grinding of the surface with a mosaic machine, before the application of ELASTOSPORT 853.
- ✓ During summer or during temperatures over 35 degrees, ideal time for the application of **DECOQUARTZ** is between 21:00 and 06:00 and temperature less than 30°C, while in the winter, the minimum bearing temperature during application and drying should be over 10°C.
- ✓ The freshly coated surface should be protected from high temperatures, wind, rain and frost for at least the first 24 hours.

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 all solvents from the asphalt evaporate.**

The asphalt subfloor should be applied on well compacted 150 mm road base subfloor and asphalt should be laid in one layer (and not 2) in 6 to 8 cm 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.

B. CONCRETE SURFACES

Concrete surface must be power-troweled and must be smooth with a slope of 0,7-1%.

Then concrete must dry at least for 40 days and then the application takes place if there is no arising humidity for the subfloor. Before the application takes place, there must be a **proper grinding** of the surface by a grinder machine to open the porous accordingly and also **a measurement by special instrument to measure humidity on the surface and in 10cm under the surface.**

Generally concrete is a risky subfloor and there may be problems **with arising humidity, especially in areas where the sea level is really high and when the sea is close.**

Always make expansion joints in large areas of concrete, in order to avoid uncontrollable cracks and failures.

Colors : RAL 9005, RAL 9016, RAL 5007, RAL 5012, RAL 5005, RAL 3004, RAL 1015, RAL 8001, RAL 7012, RAL 7035, RAL 1032, RAL 9001, RAL 6019, RAL 8016, RAL 1017, RAL 6026, RAL 6025, RAL 7037.

DECOQUARTZ RAL COLORCHART



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KDF - Kataskeves Dapedon LTD

e : exports@kdf.gr w : www.kdf.gr

5 Koromila str, 54645, Thessaloniki, Greece

t / f : 0030 2310 829598, t : 0030 2310 683660



NEW AGE



Φορέας Πιστοποίησης

CERTIFICATE

The certification Body
EQA HELLAS
certifies that

KATASKEVES DAPEDON L.T.D.

HEADQUARTERS: 5 KOROMILA Str., GR 546 45 THESSALONIKI
PRODUCTION UNIT: LAKKOMA, GR 546 45 CHALKIDIKI

has established and applies a Quality Management System which is in conformance with

ELOT EN ISO 9001:2008
(Quality Management System)

PRODUCTION & SALES OF CHEMICAL BUILDING MATERIALS &
SYSTEMS. INSTALLATION OF ATHLETIC & INDUSTRIAL
WATERPROOFING FLOORS

FOR THE COMPANY
CHARALAMBOS GALATSANOS

This Certificate of Conformity Number **QMS 3817/14** first issued on the **29th July 2014** is valid until the **28th July 2017** and is subject to all applicable regulations within the accredited scope of EQA Hellas S.A. and under the condition of the issuing CB conducting required annual surveillance assessment visits.



CERTIFICATE NOS 193
QMS CERTIFICATION

EQA HELLAS S.A.
30, KALAMA P. Str., 152 33 CHALANDRI, Tel: 210 6834012, Fax: 210 6850985
url: www.eqa.gr, e-mail: equ@eqa.gr, info@eqa.gr

www.eqa.gr

*Επιβεβαιώνεται από τον φορέα πιστοποίησης ότι ο πιστοποιημένος οργανισμός τηρείται σύμφωνα με τον προαναφερθέντα κανονισμό.

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