

## POLART SYSTEM Indoor Decorative Flooring



**Colored, smooth or textured, in-situ applied cast decorative cement-based flooring.** Possesses superior strength and can satisfy the most demanding requirements in aesthetics, style and uniqueness. It creates a uniform, roomy floor with the possibility of either shiny or mat final surfaces look, imparted by special synthetic resins used on the top. It can come in endless versions in shade, texture or design, depending on the application technique, providing at the same time high strength and durability. For unique style, it can be treated with ACIDECOR 1213 or special acrylic stains to create designs and stylish shades. Recommended mainly for indoor surfaces in commercial, business and recreational areas like exhibition halls, hotel lobbies, restaurants, malls, shops, offices.

### Preparation – Application

Applied only on dry, smooth concrete or other porous, stable surfaces like marble without arising 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. The substrate has to be as smooth as possible with superficial expansion joints have to be provided (approximately every 25m<sup>2</sup> - in a grid of 5m X5m or similar).

- Good, dry cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Priming with **POLEPOX PR 824** (solvent-based epoxy primer) or (better probably) with **POLEPOX-PR 832 SF** (solvent-free epoxy primer) in a 2-3 layers, till the surface is glossy and saturated.
- Broadcasting of quartz sand over the entire freshly laid surface

- Next day, sweeping/removing of the unstuck quartz sand and applying a thin layer of the acrylic primer **RITIVEX 1102**.
- Then, installation of the acrylic, decorative, cementitious flooring **POLART** mixed with water will follow same day (20% on **POLART**'s weight; that is 4kg per **POLART** bag). Use a flat metal trowel (of 25cm width approximately) for the application of the **POLART** mix. Move the trowel in crescents (half-circles) to create the unique **POLART** patterns (or whatever else you might choose). Use the trowel gently and smoothly to apply the **POLART** mix, make sure you leave behind an approximate thickness of 2.5-3mm. Then let the mix settle. During the application, cover the expansion joints with tapes and remove the tapes right after you finish laying in that part of the surface.
- After 3-4 days grind the dry **POLART** surface with sandpaper, gradually doing the 150, 180 and 220 gauge grinding.
- Then application of the top varnish, consisting of two different materials: a **varnish primer** first (**POLART VARNISH PRIMER 1211-PRV**), applied in two layers with total consumption 70-80gr-100 gr/m<sup>2</sup>, and then the **final top varnish** (**POLART VARNISH 1211-V**), again applied in two layers with total consumption approx. 70-80gr/m<sup>2</sup>. Each layer of each of the two materials is applied after the previous layer has set sufficiently (by darkening the surface first before drying). Time lapse between successive layers should be around 4-5 hours in 20 degrees, increasing as the temperature drops. For the application of the varnish primer and the final top varnish, we use a special tool (kind of brush). This two-material top varnish technique **leaves the surface of POLART unaffected (relatively mat and not darker)**.
- Still we can also have a glossy, pattern with the use of **POLFLOOR PU 807** (shiny polyurethane varnish) as final coating in two layers (250-300gr/m<sup>2</sup> total consumption). Polyurethane, aliphatic, two component resin **POLFLOOR PU 807** intensifies the **POLART** surface, making it a bit darker and glossy.

## POLART

### DECORATIVE FLOORING



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: eqa@eqa.gr, info@eqa.gr

www.eqa.gr

\*Παρακαλούμε ενημερώστε μας για οποιαδήποτε πρόσθετα σχετικά με τον συγκεκριμένο πιστοποιημένο πελάτη

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

