ECOLOGICAL CONTINUOUS SURFACE

ENVIRONMENTALLY FRIENDLY COATING SYSTEM FOR REALIZATION OF MONOLITHIC AND CONTINUOUS SURFACES

Multilayered FLOOR/WALL COVERING SYSTEM of mixtures of acrylic polymer in aqueous emulsion and mineral fillers
The final result of the process , layer by layer, is a monolithic coating of total thickness 2-3 mm

The SYSTEM consists in application by trowel/spatulas of multiple layers of products of OLTREMATERIA® / MALTAPURA® :
-Water-based Vinyl Primer (NATURAL GRIP o ECOPRIMER)
-Glass Fiber Mesh (if necessary)
-Adhesive Mortar (ANCORFLEX o FONDOFLEX)
-Levelling and Smoothing Mortar (MALTAPURA BASE/FINE o ECOMALTA MEDIA/FINE)
-Protective Finishing with/without hardener (NATURAL FINISH o ECOMONO/ECOBICO)

All products MALTAPURA® and OLTREMATERIA® are :
-One-component, ready-to-use, free from epoxy resin, solvent, cement, lime, gypsum
-Mixtures of polymers in aqueous emulsion from qualified E.U. suppliers
-Do not include crosslinkers or catalysts
-Non-corrosive , not harmful , Non-toxic , according to CE 1272/2008 standard
-Low VOC emission , according to 2004/42/CE standard

Features of ECOLOGICAL CONTINUOUS SURFACE:
-Good elasticity and flexibility
-Resistant to UVA rays
-Breathable and waterproof
-Resistant to dirt and wear
-High mechanical strength

OLTREMATERIA® products are made and produced in Italy, according to the new European standards. They are marketed in compliance with (EU) regulations No. 305/2011, with corresponding EC marking affixed to guarantee the products placed on the market. The declared performance values are guaranteed by a production system controlled and certified by QMS (Quality Management System) **ISO 9001**

In relation to its use, the system refers to the Harmonized Technical Standards:

UNI EN 13813:2004 (flooring)
UNI EN 15824:2009 (wall)
UNI EN 1504-2:2005 (individual products for surface coating)

OLTREMATERIA® CERTIFIED TECHNICAL FEATURES

Definition : system reported , thickness 2±0,5 mm , as defined by UNI 8297 standard

Breathability and water vapour permeability UNI EN ISO 7783:2012 Classe **IS_D<5mm**

Adhesion force for direct traction EN 1542 **>1,5 N/mm^2**

Determination of **impact resistance** – according to EN ISO 6272-1:2013: **IR10**

PAV Fire classification – according to UNI EN 13501-1:2009: **Class Bfl-s1**

Surface Resistance to wet heat – according to EN 12721:2009: **Class A** (UNI 10944)

Capillary **liquid water permeability** – according to EN 1602-3-2008: **Class Bfl-s1**

Determination of **dirt pressure** – according to UNI 10792: **ΔL <0,2**

Surface Resistance to cold liquids according to EN12720:2009: **Class F** (UNI 10944)

Surface Resistance to dry heat – according to EN12722:2009: **Class C** (UNI 10944)

Determination of **Wear Resistance** – BCA according to UNI EN 13892-4: **AR1**

Determination of **Resistance to Washing** – UNI 10560: **>5000**

Anti-slippery certification: Determination of **dynamic friction coefficient**
"B.C.R.A." Method Rubber sole : **0,71** – Leather sole **0,52**