

# AQUA POX F3 System

Thick hydrodispersed breathable system based on epoxy mortar

## Description

Aqua Pox F3 breathable is a thick hydrodispersed system based on epoxy mortar, liquid-proof and with high chemical resistance. System breathability allows to lay it on little seasoned or very moist subbases.

The system is realised with breathable formulas of new generation with zero VOC certification.

Such formulas contribute to preserve the quality of indoor air, thus creating an healthy and pleasant place to live and to work in.

## Performance/Advantages

- Recovery of old floorings that are scratched, wet and damaged
- Suitable to external use
- Total recovery of continuity

## Use

- Suitable to heavy loads from traffic
- Suggested for optimisation of inclines and/or recovery of important height with minimal downtime by use of mortar in "wet earth"
- Suggested in areas in which it is necessary to recreate design slants or flatness
- Sectors: food, mechanical, textile-dyeing, tanning and manufacturing

## Suggested preparation

- Heavy diamond grinding
- Shot blasting
- Scarifying
- Vacuum cleaning of the surface

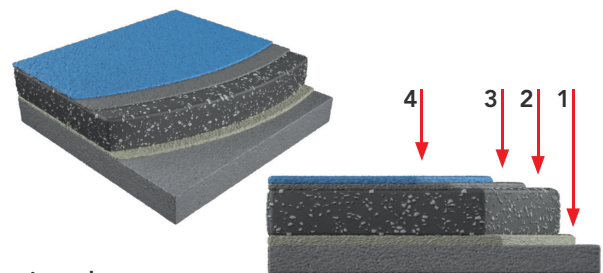
## Installation

- Installation by roller of primer **Aquatec 280 New Eco**, for a total consumption of 0,8 Kg/sq m. according to the support and preparation carried out
- Installation of the epoxy mortar Aquapox "on fresh", charged with Duromix 3 in the 1:12 ratio added with Technibond fibres to increase cohesion of the system
- Scraping by use of **Aquatec 280 New Eco** charged with Duromix 1 and little pouncing of Duromix 1 to increase mechanical resistance, for a total consumption of 1.6 Kg/sq m.
- Finishing layer of **Aquatec 680** charged with Duromix, for a total consumption of 0.6 Kg/sq m.

## TECHNICAL CHARACTERISTICS

Product hardening at 23°C - 7 days

Medium thickness (mm)	7 mm
Color	RAL Table
Anti-slip grades	R10 / R11
Aspect	Satin
Elastic module (DIN 1048) N/mm <sup>2</sup>	18.000
Adhesion (DIN ISO 4624) N/mm <sup>2</sup>	> 2,5
Resistance to abrasion (Taber test cs 17 - 1000 revolutions - 1000 g of weight) mg	55
Thermal expansion coefficient (DIN 53752) °K <sup>-1</sup>	4 x 10 <sup>-5</sup>
Compressive strenght (DIN EN 196) N/mm <sup>2</sup>	96
Resistance to traction (DIN EN 196) N/mm <sup>2</sup>	30
Temperature resistance (to air) °C	+ 75
Impermeability to Steam (UNI EN 12086)	1800 μ
Reaction to fire (UNI EN 13813)	B <sub>fl</sub> -s1



## Stratigraphy

1. FIRST LAYER BY ROLLER WITH PRIMER AQUATEC 280 NEW ECO
2. LAYER WITH EPOXY MORTAR AQUAPOX FIBRE- REINFORCED
3. SCRAPING WITH AQUATEC 280 NEW ECO
4. FINISHING LAYER WITH AQUATEC 680

## AVAILABLE ANTIBACTERIAL PROTECTION

Aqua Pox F3 can be added with an antibacterial defence able to eliminate up to 99,9% of bacteria from the surface.