5006

POLYMEX®

Acid-Resistant Vinyl Ester Floor Coating

Product Description

It is solvent free epoxy based colorful floor coating material with slightly decorated surface with the purpose of rough industrial use with 1.5 – 2.0 – 3.0 – 4.0 mm thickness for concrete grounds. It is used on easily cleaned, hygienic, dust free grounds resistant to all physical and chemical effects, where heavy loads and heavy traffic are found. It is nonslip ground coating.

Chemical Resistance

Polymex – 5006; It has not been affected from the below mentioned chemicals as a result of 1 week duration immersion test. sulfuric acid 20%, hydrochloric acid 20%, caustic soda 30%, ammonia 30%, acetic acid 10%, lactic acid 15%, gasoline, seawater, xylene, toluene, crude oil, mineral oils, hydraulic oil, fatty acids, styrene, fruit juice etc.

Application

Solvent based epoxy iron and metal paint is two component material. It is mixed with low speed drill until getting homogeneous mixture by the component into the component A. If applied with velvet roll, waving can be reduced. The second layer paint should be applied at least after 12 and maximum after 36 hours. After 7 days it has full resistance.

Areas of Application

Polymex – 5006; on all types of grounds requiring endurance to chemicals with slip resistance, high impact and abrasion resistance, and in cosmetic and pharmaceutical industry. Metal manufacturing industry, food manufacturing industry, food factories, industrial kitchen, manufacturing and installation industry, offshore platforms, paint factories, textile industry, cold storages, automotive industry, dairies and farms.

Technical Specifications

Material	Consumption
Polymer epoxy primer	0.130 kg / m2
Filling sand silica (0.1 – 0.3 mm)	0.400 kg / m2
Polymex solvent free undercoat	0.300 kg / m2
Spreading sand silica (0.3 – 0.8 mm)	1.500 kg / m2
Polymex Epoxy colored interlayer	0.500 kg / m2
Filling sand silica (0.1 – 0.3 mm	0.350 kg / m2
Polymex epoxy coat topcoat	0.600 kg / m2
Fiberglass support separator sarum for cracks and joints	0.135 kg / m2
material self- leveling	Consumption
Polymer epoxy primer	0.130 kg / m2
Filling sand silica (0.1 – 0.3 mm)	0.200 kg / m2
Polymex solvent free undercoat	0.300
Spreading sand silica (0.3 – 0.8 mm)	1.100 kg / m2
Polymex Epoxy colored interlayer	0.500 kg / m2
Filling sand silica (0.1 – 0.3 mm	0.350 kg / m2
Polymex epoxy coat topcoat	1.500 kg / m2

Technical Specifications

Adhesion to concrete	4-5 N/mm2
Pressure Resistance	75 N/mm2
Flexural strength	25 N/mm2
Modulus of elasticity	10000 N/mm2
Solid material	100%
Electrical resistance	104-106 ohm
Density	1.6 gr / ml

Awarded with 2015 due to investigations mapping the facts that how the cells repair damaged ones and save data about them.