5002

POLYMEX®

Epoksi Self Leveling

Product Description

It is a three -component, epoxy based, bright floor covering material.

Product Features

It forms a hard film by having high chemical and mechanical resistance. Due to the solvent free formation, it does not create a fire hazard. Film surface is bright and nonslip. Easily cleaned, does not contain bacteria, is dust free and has adverse effect on health.

Areas of Application

It is used as a floor covering material in hospitals, food and pharmaceutical industries, laboratory, in industrial facilities such as textiles for the automotive industry where the production is affected by dust.

Application Properties

After mixing the source material, it is mixed 2-3 minutes by adding quartz filler until getting homogeneous material. After the mixture rests for 15 minutes, it is put into practice. Do not prepare more material than can be applied throughout the lifetime of mixture. When starting application, saw-toothed steel trowel should be used in accordance with the coating thickness. Air stuck in the coating should be removed with the help of spiked roller.

Technical Specifications

Adhesion to concrete:	4-5 N/mm2
Pressure Resistance:	70 N/mm2
Flexural strength:	20 N/mm2
Solid material:	100%
Density:	1.6 gr/ml

Storage and Shelf Life

Application temperature: application should be avoided under +10°C
Pot life: 1 hour at 20 °C. When the amount of mixture and ambient temperature rises, the life of mixture reduces.
Waiting between the coats: At least 24, maximum 48 hours. If this period of time is exceeded the surface should be roughen with sandpaper for good adhesion.
Drying time: surface drying at 20 °C: 6 – 8 hours.
Complete drying at 20 °C: 16 - 24 hours.
Cure time: 7 days at 20 °C. Within this period of time, paint film should not be exposed to any mechanical or chemical impacts.
Mixing ratio: 50 parts of base materials and 15 parts of hardener and 35 parts of quartz filler by weight.
Consumption: theoretically, about 1m 2-5 kg/m2 in a single layer with 1-3 mm film thickness.