

4004

POLYME^RX

Floor Self Leveling Floor Coating



Product Description

It is a flexible, self – leveling, elastomeric, solvent free, 2- component polyurethane based coating material of sporty and decoration purpose.

Areas of Application

It is multipurpose sports floor coating which is applied in liquid form, and it forms high athletic floors with high stress resistance. Polymex – 4004; can also be used for coating flexible floors which are formed by using rubber granule, casting rubber granules on site or spreading polyurethane foam plates. It forms floors for traditional sports activities such as basketball and volleyball with long service life. Also, it is possible to apply them on other surfaces such as wood. In order to improve the chemical resistance, color stability of floors for which Polymex – 4004 is applied, it is recommended to apply relevant Polymex UV resistant topcoat.

Product Features and Advantages

The reaction of A and B components accelerates with the increase in temperature. It obtains a rapid viscosity and for this reason, it is easily spread on the surface. The reaction of A and B components decelerates with the decrease in temperature. Its pot life is longer. Its combustibility is low. It is consumed more due to density. A component enters into chemical reaction with B component in 2 – component polyurethane systems. The increase in temperature with the increase in the amount of mixture is higher and faster. Particularly, it is necessary to spread the mixture on the surface immediately on warm days.

Technical Specifications

Mixture density	25C	1,35 gr/ml
Mixture ratio	By weight	A/B : 4/1
Solid substance	By weight	100%
Pot life	25 C /min	25
	10 C /min	40
Repeated flooring time	10 C /min	Min 12 – max 24
	20 C /min	Min 8 – max 12
Opening time for slow traffic	Day	2
Complete curing	Day	7
Floor and ambient temperature	C	Eki.30
Maximum ambient relative humidity	%	80%
Traction strength 28 days	Kg/cm2	100
Elongation at break 28 days	%	180
Hardness	Shore A	65

Application

Necessary environmental conditions for application; maximum ambient humidity must be 80%. Ambient temperature must be between 10 – 30C. There must not be rainy weather 24 hours before the application, during the application, and 24 hours after the application in open places. Floor temperature must be above 3C of the then temperature of dew drop. Ask the table on Ambient temperature – ambient humidity - dew drop heat from our company. The temperature of Polymex – 4004 must be between 15 – 25C.

