

1009

POLYME^RX

Alkyd Acid Coating Product



Product Description

It is an alkyd - based, dual - component, solvent – free, flexible or hard, alkyd and solvent – free insulation and floor coating product with excellent adhesion property on the floor and surface on which it is applied.

Areas of Application

As it is solvent – free, it provides a safe working environment especially in closed areas. Its features such solvent – free provide its safe use in cargo holds, ballast tanks, water tanks and drinking water tanks. It is not absolutely affected by acid and solvents. It is a coating product with high resistance to physical and chemical agents and providing hygiene. It is used in food manufacturing plants, hospitals, cold air warehouses, acid tank and swimming pools, in different concentrations of paraffin, oil, diesel oil and different solvent – based tanks, closed parking areas, swimming pools, ships, vessels and yachts. (On the condition of making sand blasting of S.A 2.5). Polymex alkyd primer is recommended before Polymex – 1009 on concrete and other absorbent surfaces. It is specifically improved for floor coatings, acid scales and swimming pools. It is anti –toxin; there is no any change in the odor and taste of water in case of its application in water tanks.

Storage and Shelf Life

The product must be protected from moisture and sunlight. Storage temperature: between 5°C and 30°C. Products must be protected in an original tin buckets bearing the name of manufacturer, product description, party number and the labels of Application warnings without being opened.

Technical Specifications

Color	White, grey and cream colored and any color
Flexibility	600%
Density	1,50 gr/ml
Viscosity	Brush, roller consistency , semi-fluid liquid
Application devices	Brush, roller, steel trowel, airless spray
Floor temperature	+7 °C - + 120 °C
Adhesion strength	12 kgf/ cm2
Drying time	First dry 12 hours; second layer 24 hours (completely dry 48 hours)
Physical and chemical resistance	Starts after 7 days from application. It doesn't spread retarding toxic gas.
Combustion	After completely dry.
Health suitability	It is absolutely not harmful for health.
UV	Resistant
Flash point	At least 38 °C.

Application and Warnings

Polymex - 1009 application can be implemented after the preparation of surface. It is recommended to mix the material with a mixer with low speed (300 cycle/ min) when the material stored at ambient temperature is opened until it becomes homogeneous. Then, the material is applied in a homogeneous form on the surfaces coated with airless gun or short piled roller. 0.6 kg of material is applied on each layer on average. The second layer shall be applied after 8 hours (no later than 48 hours).

