

IZOFLY®

Technical Data Sheet

H450 SURFACE PROTECTION WATERPROOFING



It is a premixed water-based acrylic coating paste in one bucket, which is made for waterproofing of almost all types of surfaces, including roofs with low slopes and complicated voids, concrete, underground structures, swimming pools, water tanks, bathrooms, under-tiling works... etc. It provides high adhesion even on polyurethane, wood, Styrofoam, and plastic.



IZOFLY L 450 CHARACTERISTICS

- Single component polymer based mortar.
- Excellent resistant to weather condition, UV light, chemical and CO₂, and water vapor.
- It has a high resistant feature to temperature which range from (-30 °C to +70 °C)
- It slows the carbonization and oxidation process in building elements because, it prevents the formation of carbon dioxide thus
- it protects reinforcements.
- Highly resistant to chemicals.
- Prevents growing molds and mosses.
- It protects subgrade structures like concrete from underground water, salty water, and pollution. Thus, it extends the life span of structures.
- Due to its components, it forms a strong, impermeable layer that prevents humidity and moisture from passing through surfaces.
- Environmentally friendly, does not contain any toxic materials.
- Economical product and paintable.

SURFACE PREPARATION AND APPLICATION

- Open the bucket and mix it for 2 minutes by using a paddle mixer.
- Use a steel trowel to apply on the surfaces.
- It is necessary to wait between the application of one layer with another, when the first layer dries the other layer can be applied. The waiting is (5 - 6) hours at 23 °C and relative humidity 50%.
- It is recommended to use wire mesh at inner corners for durability.
- This material can be applied at temperature ranges from (-3 to +40) °C.

Basic Characteristics	Performance	Harmonized Technical Specification
CO ₂ Absorption	<50	
Water Vapor Transmission	Class 1 SD <5 m	TS EN 1504-2
Capillary water absorption	w<0,1 kg/m ² .h ^{1/2}	
Tensile adhesion strength	Flexible systems ; no traffic load	