

IZOFLY®

Technical Data Sheet

H650 CEMENT BASED TWO-COMPONENT FULLY ELASTIC WATERPROOFING MORTAR



It is waterproof coat; fully elastic double component cement based waterproof mortar. It is used for concrete and masonry works as it has an excellent adhesion property to the prepared substrate. Izo fly H650 contains cement powder and polymer emulsion based liquid components.



IZOFLY H 650 CHARACTERISTICS

- It has a high adhesion feature and prevents water leakage completely.
- Due to its elasticity feature, it resists different temperatures.
- Environmentally friendly and resists carbonization.
- It is Easy to apply, quickly prepared and suitable for horizontal, vertical applications.
- It is a tough material, resistant to erosion and shocks.
- It can be used in many places like: Basements and substructures, balconies, kitchen, baths, swimming pools, water tanks
- Shall not be applied against negative water pressure in surfaces.
- It should not be left without cover especially when exposed to direct sunlight.

MATERIAL PREPARATION AND CONSUMPTION

Add (20 kg) powder component to the (10 kg) liquid polymer component. Use a paddle mixer to mix both components until being homogenous. At least, two coats should be applied to the entire surface using a brush or a steel trowel. The next layer shall be applied perpendicularly over the previous layer. Wait at least 5 hours between layers' application. Mortar should be used in no more than 3 hours.

The quantity consumed per m² is about 3.5 kg/ m² for 2mm thickness. The value may vary depending on the climate condition.

GENERAL NOTES

- Izo fly 650 must not be coated or covered by any material unless 3 days passes on the application.
 - Within 7 days it will reach its ultimate waterproofing efficiency.
- Its dryness time is 48 hours at (23 + 2 °C and 50% + 5% relative humidity)

Basic Characteristics	Performance	Harmonized Technical Specification
Water Vapor Permeability	Class II	
Capillary water absorption	w<0,1 kg/m ² .h ^{1/2}	TS EN 1504-2
Tensile adhesion strength	Flexible systems ; no traffic load	
Reaction to Fire	Class C-s1, d0	