

## **ISOCOAT 500 F** **Waterproofing paint**

**ISOCOAT 500 F** An elastomeric , water proofing paint recommended for painting on roof tiles , building façade , swimming pools and water reservoirs .

- Advantages**
- 1- Protects the buildings from weather conditions all year long.
  - 2- Considerable sun ray reflection , so prevents raising temperature of the buildings during summer .
  - 3- **ISOCOAT 500 F** could be applied by roller as textured and decorative finishing inside building entrances , kitchens and bathrooms .
  - 4- Applicable on different kinds of surfaces like wood , concrete , steel bricks and asbestos .
  - 5- Due to its elasticity , it can withstand elongation up to five times the original applied length which allow it to cover building cracks up to 2 mm crack width .
  - 6- **ISOCOAT 500 F** is a waterproofing paint and resistible to diluted acids, alkalies , salts and sea water .
  - 7- High resistance to UV rays fungi and bacteria.
  - 8- **ISOCOAT 500 F** is a cold applied paint , which is available in several colours .
  - 9- When dry it can withstand weather conditions which leads to fungus growth or bacteria .

### **Technical data**

Density (gm/cm <sup>3</sup> )	1,3 - 1,25
Main Drying temperature	5oC
Temperature resistance	-10- + 100oC
Shelf life at 20oC	12 months
Complies with ASTM D - 4887,D - 4541	

- Application**
- 1- Stir well before use .
  - 2- The surface must be clean and free of dust, dirt , grease or oil .
  - 3- Dilute **ISOCOAT 500 F** by 50% water for the first coat .
  - 4- Apply the second coat with 10% water dilution or without .
  - 5- A layer of fiber glass or industrial textile could be installed between the two coats as reinforcement .

**Coverage** 1 kg for 2-4 square meters according to the surface nature , number of coatings and rate of dilution .

**kinds of fungi and bacteria which is resistable by Isocoat 500 F :**

**Bacteria**

Achromobacter Sp.  
Aeromonas Sp.  
Alcaligenes Sp.  
Bacillus Sp.  
Escherichia Sp.  
Flavobacterium Sp.  
Klebsiella Sp.  
Proteus Sp.  
Pseudomonas Sp.

**Fungus**

Aspergillus Sp.  
Botrytis Sp.  
Candida Sp.(Yeast)  
Paecilomyces Sp.  
Paecilomyces Sp.  
Rhodotorula Sp. .(Yeast)

**Packing** 1 kg , 5 kg , 20 kg drums .