

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 ³)	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 .