



## ACRYLIC PAINT – MOISTURE INSULATION COATING (118)

**Product description:**

This product is based on flexible water-soluble polymers , which with its superior properties is a very suitable alternative to isogam and other traditional systems.

**Application:**

- Insulation of roofs of residential houses and offices and warehouses
- Insulation of rain walls
- Insulation of clay, concrete, slate, asphalt roofs

**Technical data:**

Specification	Details	EN Standard	ASTM Standard
Shades(color)	White and colorful	EN ISO 7724	D2244
Solid by weight %	1.4 - 1.6 g/cm3	EN ISO 3251	D2369
Solid by volume %	63 ± 2	EN ISO 3233	D2697
Density g/cm <sup>3</sup>	0/1 - 1.4 g/cm3	EN ISO 2811	D1475
Dry Film Thickness (DFT) μm	300-400 microns	EN ISO 19840	D7091
Wet Film Thickness (WFT) μm	400-500 microns	EN ISO 2808	D4414
Viscosity	80 - 135 Krebs	EN ISO 2431	D1200
Theoretical coverage	2 - 3 m <sup>2</sup> /l	EN ISO 6504-1	D344
Surface Drying	Max 1 hours	EN ISO 9117	D1640
Through Dry(Deep Drying)	Max 3 hours	EN ISO 9117	D1640
Time to run the second layer	min 2 hours	EN ISO 9117-1	D1640

**Surface Preparation:** First, wash the surface with water and make it free of dust and other pollution.

**Method of Applying:**

- For better adhesion of the coating to the underlying surface, use silostar-100 primer as a base layer.
- Dilute the desired coating with 10-20% water up to 1 hour after applying the primer and dilute it with a roller or brush or with 40% water and apply it with a gun with a thickness of 700-800 microns in 2 layers. Run on the primer.
- In order to prevent water penetration, make sure that the sides of the walls and seams are completely covered.

**Equipment Used:** Spray, brush, roller

**Safety Tips:**

This product is water-based and not flammable. However, it is recommended that in case of contact with the skin, wash it with soap and large amounts of water, and in case of further skin sensitivity and irritation, see a doctor.

**Storage Conditions:** This product should be in a closed space and away from direct rays .The temperature should be kept at 5 - 35 degrees Celsius.

**packing:**

Gallon (Plastic can)

2.5 Gall (Plastic can)

**Considerations:**

The available information is based on our technical knowledge and laboratory research, but since the conditions and methods of application are different and out of reach, we do not guarantee the results of it.



**LEGAL NOTES :** The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application method, and environmental conditions. Users should test suitability before large-scale application.

**Head Office :** Building No.15 , Qasimlu Street 40, Shahidan Zargata Quarter 24, Zone 1, Sulaymaniyah 46001, Iraq

**Factory :** Tanjaro Industrial Area – Sulaymaniyah – Iraq