

This is a rubberised/ polymerised one component Liquid Membrane, ready to use insulating and waterproof acrylic coating. In the Centrally Air Conditioning/ HVACR jobs, this product finds many utilities as in coating and fixing of insulations; for coating over the canvas cloth as the adhesive cum vapour barrier sealant for pasting various layers together and as the exterior, protective, washable, insulating Anti-Fungus Paint for the protection of cloth & duct jacketing from the harmful atmospheric effects. Used as a better protective finish for thermal insulations on hot/cold water pipe fittings, vessels and other process equipments when applied in two or three coats. ZSAC-10/55 is best for coating to protect Styropore sheets, Polyurethane foams and such other delicate insulating materials. It provides extra strength (mechanically & chemically) to the thermopore or glass wool insulations besides considerably increasing heat resistance. Beneficially & safely used for cementing laps of canvas or asbestos lagging cloth, where the relative humidity exceeds 90% for continuous periods or where the insulated piping or equipment contains chilled water, ice water, brine or refrigerant; where vapour barrier protection is required, as absolutely weather proof protective seal.

- Hot/Cold Water & Oil Proof,
- U/V & Weather Resistant,
- Vapour Barrier & Air/ Gas tight,
- Non-Toxic, Non-Hazardous, Non-Corrosive & Non-Rusting.
- Soft touch, Abrasion Resistant coating.
- High Elongation, Non-Cracking & Non-Magnetic.
- Micro Organisms, Fungus/ Mildew Resistant. Non-Biodegradable.
- Capable of accommodating minor movements and cracking in the substrates

COLOUR: Light grey, light blue, white, cream, brick red etc.
ODOUR: Ammoniac odour in liquid state. No peculiar smell after curing.

DENSITY: 1.20-1.30 kg/litre at 30°C (ASTM D-1475)
VISCOSITY: 2000-2100cP at 100RPM, Spindle 03, at 25°C. (ASTM D-2556)

SOLID CONTENTS: 60-62 % non-volatile content. (ASTM D-1644)
HARDNESS: H900 leaves the film uncut, not-rupture or scratch (at 50%RH, 30°C). (ASTM D3363)

SERVICE TEMPERATURE: Can be applied on surfaces having temperature between 6 to 65°C. The cured film resists temperature from -40 to 180°C.

DRYING: Dries at room temperature and cures further with temperature (ASTM D1640).

- Surface Dry: 10 minutes
- Tack Free Dry: 25 minutes
- Hard Dry: 30 minutes

The curing continues up to 48 hours improving the water proofing properties & strength with time.

SAFETY Non-Flammable in liquid state (ASTM E-160-80).

COVERAGE: 7.5 to 7.7 m²/kg on average, actual depends on surface smoothness, porosity and application method Avoid dilution to prevent Fungus growth particularly when using as 'Anti Fungus Paint'.

APPLICATION: ONE COMPONENT, COLD APPLIED & READY TO USE. Applied by soft smooth brush, roller or mechanical spray. Apply 3 un-diluted coats to get the best vapour barrier, air/gas tight, Anti-Fungus protective membrane.



PLEASE REFER PRODUCT DATA BEFORE USE

Disclaimer:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users for their guidance. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME; NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our Warranty is limited to the replacement of so proved defective Zahabiya original sealed packed product only, provided used within shelf life as supplied/ exported originally.



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