

Zahabiya

Thermal Seal Coat -130/56

(Protective Thermal Insulation Adhesive)

Zahabiya Thermal Seal Coat-130/56 is a water-based polymeric protective coating adhesive which provides water proof protective finish for insulation on Central Air-Conditioning & Ducting applications (HVACR) for cementing laps of canvas/ asbestos/ lagging cloth and other thermal insulation materials, cold or hot water piping/equipment. Used on glass/canvas cloth coating, the product can be safely applied on expanded polystyrene, polyurethane foam and other plastic insulation to protect from harsh climatic effects. Safe for the areas, where relative humidity exceeds 80% for continuous period or where the insulated piping or equipment contains chilled/ice water, brine or refrigerant and at all other applications where vapour barrier, thermally insulating, durable protective seal is required; this product is useable with satisfaction.

- Provides good insulation and vapour barrier properties only in 2 coats.
- Tough yet Non-Cracking coat when cured
- Airtight and Vapour Barrier
- Water & Oil proof
- High U/V, Weather and Thermal Resistance. (ASTM-D 3278)
- Good Adhesion on Plastics, Polystyrene, Cloth, Canvas and Wooden Surfaces.
- Non-Toxic, Non-Hazardous, Non-Corrosive and perfectly safe in handling. A "Human Friendly & Environmentally Acceptable" product.
- Tough, Washable & Abrasion Resistant Coating
- Micro-organism Resistant
- Resists attacks of solvents, dilute acids or alkalis.
- Resists effects of brine, salinity and sub-soil environments.

COLOUR:	Cream/White. Optional on bulk orders.
ODOUR:	Resinous smell in liquid state. Odourless after drying.
DENSITY:	Average weight being 1.28 kg per litre. (ASTM-D1475).
CONSISTENCY:	Liquid of high viscosity (ASTM-D 2507)
TOTAL SOLIDS:	56% on average as W/V. (ASTM-D 1644).
DRYING:	Air Drying. Set to touch within 1 hour at room temperature, but the film strength and behaviour improves greatly after 24 hours.
FLAMMABILITY:	Non-flammable in liquid state.
FLAME SPREAD (DRY):	Flame spread 2.5: ¼" (6.4 mm) inorganic reinforced cement board. Fuel contributed: 0 (ASTM E-84)
COVERAGE:	In uniform thick layer, about 39 ft ² /kg (3.60 m ² /kg) by brush. (FSTM- 72)
SERVICE TEMPERATURE:	Usable from 15°C to 70°C (the temperature of surface to be coated).
TEMPERATURE RESISTANCE:	Safe between -20°C and 150°C constant temperature.
WATER VAPOUR PERMEANCE:	For perfectly dried film: 1 perm, for two uniformly thick coats, of 0.40" with 8 Oz. Canvas between. The Water Vapour Transmission through 1 inch of impermeable insulation in 12"x6" block with joints of Zahabiya Thermal Seal Coat is too small to be recorded. (ASTM-E 398).
CLEANER:	While wet can be cleaned with water and after drying it can be de-bonded with S.M.T. (White Spirit).
SHELF LIFE:	Preferably use within 15 months of manufacturing date.
APPLICATION:	Apply in two coats by smooth & clean dry brush, in the uniform thickness properly over the insulation surfaces cloth/canvass ensuring that the ends are properly lapped to provide definite seal. Apply two coats over the jacket to protect the pipe covering as well.



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.



Zahabiya Chemical Industries

PI-14, Sector B-VIII, K.E.P.Z., Karachi. Phones: +92-21-5082323, 5082324

Fax: +92-21-5082325 Email: info@zahabiya.com Web: http://www.zahabiya.com

