

Zahabiya

Sealing Compound ZSC-13/63

Zahabiya SEALING COMPOUND ZSC-13/63 is a thick gaskety air drying adhesive sealant possessing best air tight, vapour barrier & water / oil proof insulating protective seal once cured. Formulated with a blend of rubber, resins and polymers, it is an excellent sealant/caulking compound coupled with adhesion on metals, plastics, polystyrene surfaces. Effective at all such places where leakage free Seams/Joints are needed or two surfaces are to be assembled to come in contact with oily or water based products. Also used in HVACR at metallic seam joints, as an economical sealant. It adheres, insulates and protects the metallic pipes from rusting & corrosion, eliminating PVC tape for under ground or weather exposed jobs being water resistant. The coated surfaces are not attacked by saline/salty water environment or sub-soil water, chlorination & carbonation effects, preventing the oxidation, rusting or corrosion.

- Water & oil proof
- Diesel, fuel, acid & alkali resistant
- U/V & weather resistant
- Vapour barrier & air tight.
- Non-corrosive & non-rusting.
- Excellent bond on both ferrous and non-ferrous metals.
- Non-toxic, non-hazardous, and safe in handling. A "Human Friendly/ Environmentally Acceptable" product. (ASTM-E-160-80)
- Safe up to an intermittent temperature of 190°C & continuous temperature of 160°C.

COLOUR:	Brownish Red, Light Gray, Pale Cream, White. (ASTM- D-1729) Other colours available on bulk orders.
ODOUR:	Slightly ammoniac smell in pasty state. (ASTM D-1833)
DENSITY:	1.27 kg/litre on average. (ASTM-D1475)
CONSISTENCY:	High Viscosity Paste. (ASTM-D 2507)
TOTAL SOLIDS:	71±2% as w/w (ASTM-D 1644)
DRYING:	Air Drying. The film strength and behaviour improves greatly on stoving temperature at 125°C to 130°C for 6 minutes, in air circulatory oven.
COVERAGE:	39 to 40 ft ² /kg (3.60 m ² /kg) on non-porous surfaces, in thick layer.
SERVICE TEMPERATURE:	Usable between 6°C to 80°C (the temperature of the coated surface)
TEMP. RESISTANCE:	Safe between 0°C and 165°C constant temperature.
VAPOUR PERMEANCE:	For perfectly dried film: 0.90 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"x ¼" block with joints of Sealing Compound 13/63 is too small to be recorded. (ASTM-E 398).
SHELF LIFE:	Preferably use within 18 months of manufacturing date.
APPLICATIONS:	Applied on clean surface by brush or mechanical dispenser. Main applications include:



- In the fabrication jobs in sheet metal work and other metallic assemblies in HVACR/Central Air Conditioning, Allied Engineering sectors.
- Protection and insulation of metallic pipes / sheets from oxidation, rusting & corrosion (in 2 coats).
- Seam Joints sealing with Vapour Barrier protection.

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.

PLEASE REFER PRODUCT DATA BEFORE USE



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