

Zahabiya

Soft Seal Special ZSP-1191

Zahabiya Soft Seal Special ZSP-1191 is a mastic/ adhesive caulking sealant forming a soft gasket seal on self-curing. For most applications where a vapour barrier, air/ gas tight, water/ oil proof, weather resistant fast drying non-cracking protective seal is desirable, this product is the perfect answer. A safe seam/ caulking mastic sealant in Central Air-Conditioning Ducting System, both for High or Low velocity ducts, meets the requirements of H & Vac. Sec. DW / 141 (Adhesion), B.S. 476 (PART-7) class "I" and Class "O" Tests, B.S. 476 (Part-6). A safe adhesive sealant possessing better compatibility and good adhesion with all the metallic surfaces, plastics, glasses, polyurethane foams, polystyrene, thermopore sheets, glass wool insulation etc. This is the best replacement of traditional toxic silicon sealants & it can be used in enclosed environment without emitting any bad odour or toxic fumes. The product is safe in handling and use being "Human Friendly / Environmentally Acceptable." Available in cans/pails and also in 300 gm cartridges in optional colours. ZSP-1191 is

- Non-cracking, ever soft and flexible sealant.
- Cold/hot waterproof; oil & solvent proof.
- Vapour barrier & air/gas tight.
- Resists Temperature from -40°C to 200°C.
- Fungi, mildew and micro organism resistant.
- U/V & weather resistant.
- Non-toxic, non-flammable, non-hazardous in handling, non-polluting to atmosphere. (ASTM E-160-80).
- Non-corrosive and non-rusting.
- Fuel/ acids/ alkali resistant.
- Can be painted over.

COLOUR:	Translucent, White, Grey, Bronze and Black. Other colours available on bulk orders.
VISCOSITY:	Paste-type consistency. 1600cps @100 RPM (03) (ASTM D-2507)
DENSITY:	1.17 kg/litre on average. (ASTM D-1475)
NON-VOLATILE CONTENTS:	73±1% as W/V. (ASTM D3369).
DRYING:	Air drying (Room Temperature Curing), the strength increasing further after 48 hours depending upon bead thickness and porosity of the surface, applied upon.
VAPOUR PERMEANCE:	In thick coats (2mm to 3mm), the water vapour permeability of cured layers is negligible to be accounted. (ASTM E-398)
FLEXIBILITY:	The fully cured 1 mm thick bead exhibits at least 300% elongation, measured at 35°C at R/H of 65%. (ASTM C-765)
COVERAGE:	Approximately 120 linear meters of 2 mm bead per kg. and 36 linear meters by cartridge pack. (FSTM-72)
APPLICATION:	To be used as supplied. Apply by Cartridge pack, through mechanical dispenser, clean grease gun or by trowel.
SHELF LIFE:	When stored in original containers, this Room Temperature Curing (RTC), has a Shelf life of 2 years from the date of manufacturing,



COMPARISON BETWEEN ZSP-1191 & NORMAL SILICON SEALANT

	Zahabiya Soft Seal Special	Normal Silicon Sealant
Nature/Characteristic	Human Friendly. Non-Toxic, Non-polluting & Non-hazardous.	Hazardous, Toxic & Pollutant. (being Acidic cured normally).
Bond on damp/dry Surfaces	Excellent on both surfaces.	Doubtful on damp surfaces.
Fungus Attack	No	Yes
Bond strength with time	Further improves.	May de-bond the surface with time
Drying time	Longer, depending upon thickness & relative humidity.	Shorter being Acetic cured. Deep cures faster.
Behaviour with metal surfaces	Non-Rusting and protects surfaces wherever applied.	Initiates rust on uncoated Iron and Steel.
Compatibility to paint	Can be painted over.	Can't be painted over normally
Shelf Life. (on normal storage)	2 years	6-9 months from D.O.M.

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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