

# Zahabiya

## Excel Bond (Special) ZGPA-7/223

ZGPA-7/223 Special is water based, latex/ rubber reinforced co-polymeric, fast drying coating & bonding white adhesive having numerous satisfactory usage. In HVACR field, effectively usable for almost all the bonding, fixing, laminating, coating, sizing applications covering a wide range of substrates. Insulations may be very effectively and ideally bonded with this adhesive on metals, unaffected even by the relative humidity up to 90% for long spells. The bond attained is waterproof, unaffected with weather/ climatic changes, resistant to fungal growth if used as supplied. The product being "Human/ Environmentally Acceptable" is perfectly safe in handling. Safe and best replacement of normal solvent based Toxic & Flammable adhesives.

- Starch Free
- Hot & Cold Waterproof (D3) adhesive
- Completely Weather Resistant.
- Ever Soft and Non-Cracking Bond
- Non-Flammable (ASTM-D 3243)
- Non-Toxic & Non-Hazardous
- Non-Corrosive, Non-staining & Non-Rusting.
- Resists intermittent temperatures from -10°C to 90°C.
- Mildew, Fungi and micro-organism resistant.
- Insoluble in and resists fuel, oils, lubricating oils, dilute acid/ alkali resistant.

COLOUR:	Milky White in liquid state. Transparent when dried.								
ODOUR:	Peculiar resinous smell in liquid state. No smell when dried/cured. (ASTM-D 1833)								
VISCOSITY:	9000 – 9500 cps. (ASTM-D 2507)								
DENSITY :	1.15 kg / litre. (ASTM-D 1475)								
NON-VOLATILE:	30% w/w (ASTM-D 1644)								
SERVICE TEMPERATURE:	Usable between 8°C to 80°C								
DRYING:	Air-drying. Touch dries in 15 minutes. Early bond strength is achieved within 12 hours and becomes further stronger with time unaffected by climatic changes (ASTM-D 1640).								
COVERAGE:	Depends on the porosity of the surface to be coated or bonded, average consumptions being: <table> <tr> <td>FOR INSULATION ATTACHMENT</td> <td>: 4.5 m<sup>2</sup> / kg</td> </tr> <tr> <td>FOR LAP SEALING</td> <td>: 2.75 m<sup>2</sup> / kg</td> </tr> <tr> <td>FOR CANVAS CLOTH WRAPPING/ COATING</td> <td>: 3.30 m<sup>2</sup> / kg</td> </tr> <tr> <td>FOR BONDING</td> <td>: 5.5-6m<sup>2</sup> / kg</td> </tr> </table>	FOR INSULATION ATTACHMENT	: 4.5 m <sup>2</sup> / kg	FOR LAP SEALING	: 2.75 m <sup>2</sup> / kg	FOR CANVAS CLOTH WRAPPING/ COATING	: 3.30 m <sup>2</sup> / kg	FOR BONDING	: 5.5-6m <sup>2</sup> / kg
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FOR BONDING	: 5.5-6m <sup>2</sup> / kg								
SHELF LIFE:	Keep in the original containers airtight. Use within 12 months of manufacturing date for better results.								
APPLICATIONS:	ZGPA-7/223 is advisable in many Mechanical/ Engineering Jobs including Air Conditioning & Refrigeration Field (Appliances, Ducting, Insulation pasting), Civil Construction, Wood Working Industry, Glass Fixing, etc. Can be safely and satisfactorily used for bonding of variety of substrates including:								

- Wood & Hard Board
- Laminated Board (Formica)
- Chip Board & Card Board
- Paper Pasting
- Cotton Cloth/ Fabric
- Leather
- Glass
- Metal ducts with
  - o Styropore/ Thermopore
  - o Glass Wool Insulation
  - o Polyurethane Insulations
- Glass Cloth, Asbestos Cloth and other fabric coverings of thermal insulations.



**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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