



**Zahabiya Excel Bond 7/223 (Special)** is water based, latex/ rubber reinforced, co-polymeric and fast drying coating & bonding white adhesive having numerous satisfactory applications. In **HVACR field**, it is effectively used for almost all the bonding, fixing, laminating, coating & sizing applications. Insulations can be very effectively 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 and resistant to fungal growth, provided used as supplied. The product being **"Human Friendly & 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.
- Weather resistant.
- Ever-flexible and non-cracking bond.
- Non-flammable (ASTM D3243).
- 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:**

**ODOUR:**

**VISCOSITY:**

**DENSITY :**

**NON-VOLATILE:**

**FUNGAL RESISTANCE:**

**SERVICE TEMPERATURE:**

**DRYING:**

**COVERAGE:**

**SHELF LIFE:**

**APPLICATIONS:**

Milky white in liquid state. Transparent when dried.

Resinous smell in liquid state. No smell when dried/ cured (ASTM D1833).  
9000 – 9500 cps (ASTM D2507).

1.15 kg/litre (ASTM D1475).

30% w/w (ASTM D1644).

Rated "0" for *Aspergillus niger* & *Penicillium pinophilium* (ASTM G21).

Usable between 8°C to 60°C

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 D1640).

Since coverage highly depends on the porosity of the surface to be coated or bonded, following coverage data should be taken only for guidance:

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

Keep in the original airtight containers in well ventilated place at around 25°C. Use within 12 months of manufacturing date.

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
  - Styropore/ Thermopore
  - Glass Wool Insulation
  - Polyurethane Insulations
- Glass Cloth, Asbestos Cloth and other fabric coverings of thermal insulations.

**IMPORTANT NOTICE:**

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. 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 product only, provided used within shelf life as supplied originally.

