



ISO 9001:2000
Certified Company

Zahabiya

EXCEL BOND ZGPA-7/321

Carpentry & General Purpose Waterproof Adhesive

Zahabiya Excel Bond ZGPA-7/321 is water based white polymeric emulsion adhesive for normal pasting & bonding. Used for porous surface bonding/ pasting, the adhesive gives a bond, which is not affected by the climatic and atmospheric variations and is cold waterproof for short spells. Being completely starch and cellulose free, the bond obtained also resists microorganism growth and can be employed for Anti-Fungus Applications provided used as supplied. Used as an economical glue in Civil Construction & Carpentry related applications being "Human Friendly / Environmentally Acceptable" Product.



- 1 "Starch Free".
- 1 Cold Waterproof.
- 1 Weather Resistant.
- 1 Non-Flammable.
- 1 Non-Toxic, Non-Corrosive & Non-Rusting. [ASTM D5402]
- 1 Insoluble in and resists fuel, oils, lubricating oils, dilute acids and alkalis.
- 1 Mildew, Fungi and micro-organism resistant.

COLOUR:

Milky White in liquid state. Transparent when Dried.

ODOUR:

Peculiar resinous smell in liquid state. No smell in dried/cured film. [ASTM D1833]

VISCOSITY:

9000 – 9500 cps. [ASTM D2556]

DENSITY:

1.12 kg / litre. [ASTM D1475]

NON-VOLATILE:

27% w/w. [ASTM D2369]

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 unaffected by climatic changes. [ASTM D1640]

COVERAGE:

Depends on the porosity of the surface to be coated or bonded but varies between 5.5 to 6 m²/kg approximately.

DILUENT:

Avoid dilution. If necessary, dilute with little hot or warm potable water (5% by weight) mixing uniformly and thoroughly.

APPLICATIONS:

A weather resistant bonding adhesive for bonding of various substrates including:

- 1 Wood.
- 1 Hard Board.
- 1 Laminated Board (Formica).
- 1 Chip Board.
- 1 Card Board.
- 1 Paper Pasting.
- 1 Cotton Cloth/ Fabric.
- 1 Glass.
- 1 Thermopore/ Styropore etc.

The adhesive can be applied by brush, mechanically or through roller. Clean the surface before the application of adhesive. Apply evenly on the desired surface. Bond the other surface while the glue is still tacky. Leave the bonded substrate undisturbed for about 24 hours. Avoid un-necessary dilution to achieve the desired strength.

STORAGE:

Preferably store at cool & ventilated place. Keep in the original containers airtight when not in use. Mix well before use. Best storage temperature recommended is 25 – 30°C.

SHELF LIFE:

Keep in the original containers airtight. Use within 12 months of manufacturing date for better results.

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

Zahabiya Chemical Industries, Plot 14, Sector B-VIII, P.O. Box 18685, K.E.P.Z., Landhi, Karachi-75150.
Ph:+92-21-5082323/24 Fax:+92-21-5082325 Email: info@zahabiya.com , Web: http://www.zahabiya.com

Rev: 01 May 2008