



ISO 9001:2008 Certified Company
"TIME TESTED PRODUCTS"
SINCE 1972

Zahabiya

FIRE RESISTIVE COMPOUND FIMP-20/15

A Reliable Flame Retardant for Absorbive Substrates

Zahabiya Fire Resistive Compound FIMP-20/15 is a water based solution of various flame retardant salts & chemicals for providing effective flame retardant properties to various types of absorbive substrates including Fabric, Clothes, Upholsteries, Tents, Mattresses, Paper, Card Board, Wood, Plywood, Chip Board, MDF Sheets, Other Cellulose Products, Fibre & Insulation Boards etc. The product after proper drying becomes invisible and does not affect the breathing properties of the substrate. This makes the product ideal for use in Civil Construction and Interior Decoration where fire protection of wood work especially partitions, false ceiling & its structure; curtains, sofa cloths etc. is highly desired, without compromising on its aesthetic values.

However, the product is not waterproof and therefore its application is limited to the substrates that do not come in contact with water or highly humid environment.



COLOUR:	Transparent to slight turbid in liquid state.
ODOUR:	Slight ammoniac smell. Odourless when thoroughly dried. [ASTM D1833]
VISCOSITY:	Water like viscosity.
DENSITY:	Around 1.05 kg/litre. [ASTM D1475]
NON-VOLATILE:	16% ± 1 w/w. [ASTM D2369]
pH:	Normally ranges around 8.
SERVICE TEMPERATURE:	Useable between 10°C to 60°C.
DRYING:	Air-drying. Since FIMP-20/15 is an impregnating agent, drying properties are highly dependent on the absorbive power of the substrate, temperature and humidity conditions of the environment. However, a normal fabric dries in around 2 hours at 30°C and 50% R/H. [ASTM D1640]
COVERAGE:	Depends on the porosity of the substrate and the method of application. By normal brush application on standard canvas cloth of 8 oz, FIMP-20/15 covers around 6 - 7 m ² /kg per coat.
DILUENT:	Use as supplied. If dilution is necessary especially in dipping process, use normal potable water. However, it may be noted that dilution tends to reduce the fire retardant properties.
BEHAVIOUR:	The product is Non-Flammable, Non-Hazardous, Non-Toxic and Safe in Handling. A "Human Friendly/ Environmentally Acceptable Product". Upon drying, the product is non-film forming, fire retardant and non-flammable.
APPLICATIONS:	Mix well before use. The application of the product is simple and can be applied by immersion/ dipping, spray or brush, depending on type of substrate and degree of protection required. For dipping process, the substrate can be immersed for around 30 minutes in the solution, hanged/ squeezed to remove excess material and dried under sun or at room temperature for at least 24 hours. If applied with spray or brush, 2 coats are recommended to saturate the substrate with FIMP-20/15.
STORAGE:	Store at cool & ventilated place. Keep in the original containers airtight when not in use. Mix well before use. Recommended storage temperatures are between 25 and 30°C.
SHELF LIFE:	Use within 12 months from manufacturing date.

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, Export Processing Zone, Karachi-75150, Pakistan.
Ph:+92-21-35082323/24 Fax:+92-21-35082325 Email: info@zahabiya.com , Web: http://www.zahabiya.com