

LIQUIBIT® - MS

WATER BASED MEDIUM SETTING EMULSION



PRODUCT DESCRIPTION

Liquibit Medium Setting is a water based Bitumen Emulsion with intermediate setting time. This specifically designed liquid is used in premix applications. This Emulsion has a higher viscosity compared to Rapid Setting Emulsion. Liquibit MS strictly conforms to IS 8887:2018.

USES

- Patch work
- Premix Carpet
- Pothole Repair

ADVANTAGES

- Can be applied without use of heat
- Can cure at low temperatures
- Quick preparation time
- Resistant to water stripping
- Eco friendly
- Excellent adhesion properties
- Economical

APPLICATION PROCEDURE

Surface Preparation

Surface preparation is the most important step before application of the Emulsion. Prior to the application of bituminous material, all loose dirt and other objectionable material shall be removed from the surface with a power brush.

Application Guidelines

Liquibit MS is generally used for Patch work/Premix applications. If the liquid is procured in barrels, each barrel must be laid on it's side and rolled gently, to and fro, to agitate the liquid and counter any minor settlement that might have occurred during storage. If the liquid has been stored in bulk, it may be gently agitated through circulation, prior to application. The Emulsion should be applied at ambient temperatures without dilution.

COVERAGE

Recommended rate of mix preparation is 7% by weight of aggregates.

PACKAGING

200 kg barrel or as bulk.

STORAGE

Liquibit MS is preferred to be stored in vertical bulk tanks to minimise the surface area of the liquid. Do not allow the Bituminous Emulsion to either freeze or boil. Storage temperature should not be allowed to fall below 10°C or exceed 85°C.

SAFETY PRECAUTIONS

Wear all necessary safety goggles, gloves, shoes, etc. while handling emulsion. In case of any splashes on the skin or eyes, seek medical attention immediately.

TECHNICAL SPECIFICATIONS

Properties	Test Method	Unit	MS
Residue on 600 micron IS sieve, Max	IS 8887:2018	%	0.05
Viscosity by Saybolt Furol Viscometer, @50°C, seconds:	IS 3117	Seconds	50 - 300
Coagulation at low temperature	IS 8887:2018	-	NIL
Storage Stability after 24 hrs, Max	IS 8887:2018	%	1
Particle Charge	IS 8887:2018	-	Positive
Miscibility with water	IS 8887:2018	-	No Coagulation
Test on residue:			
■ Residue by evaporation, Min	IS 8887:2018	%	65
■ Penetration at 25°C, 100g, 5 sec	IS 1203	1/10 mm	60 - 150
■ Ductility at 27°C, Min	IS 1208	cm	50
■ Solubility in trichloroethylene, percent by mass, Min	IS 1216	%	98

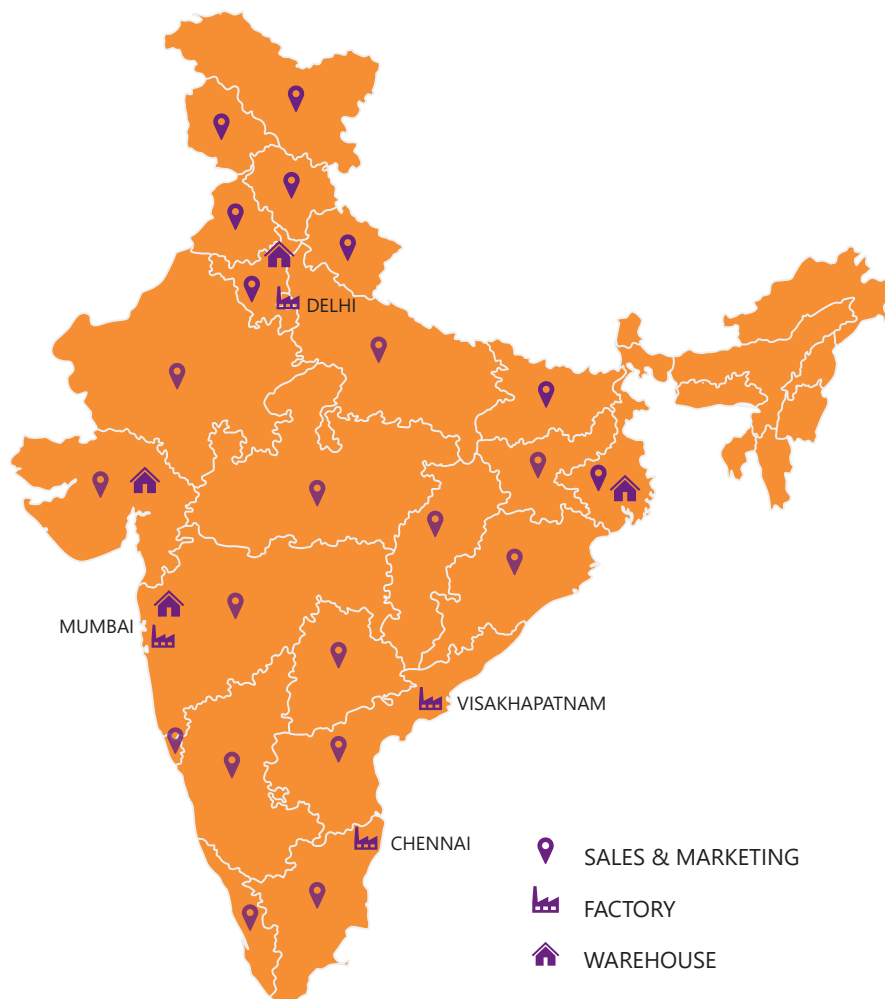


WHO WE ARE

Founded in 1988, IWL India Private Limited is a well established manufacturing industry with multiple manufacturing facilities, warehouses and sales teams across India. This facilitates timely supply of high quality materials for the civil, road construction and pipeline industries. IWL also exports its products to several international customers.

In addition, IWL's well equipped R&D facilities can tailor make products to cater to specific needs of critical projects such as Metros, Nuclear Power Plants, Airports, Pipelines, etc. We are proud to contribute to the development of India's infrastructure and participate in its journey to becoming a developed country.

OUR LOCATIONS



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