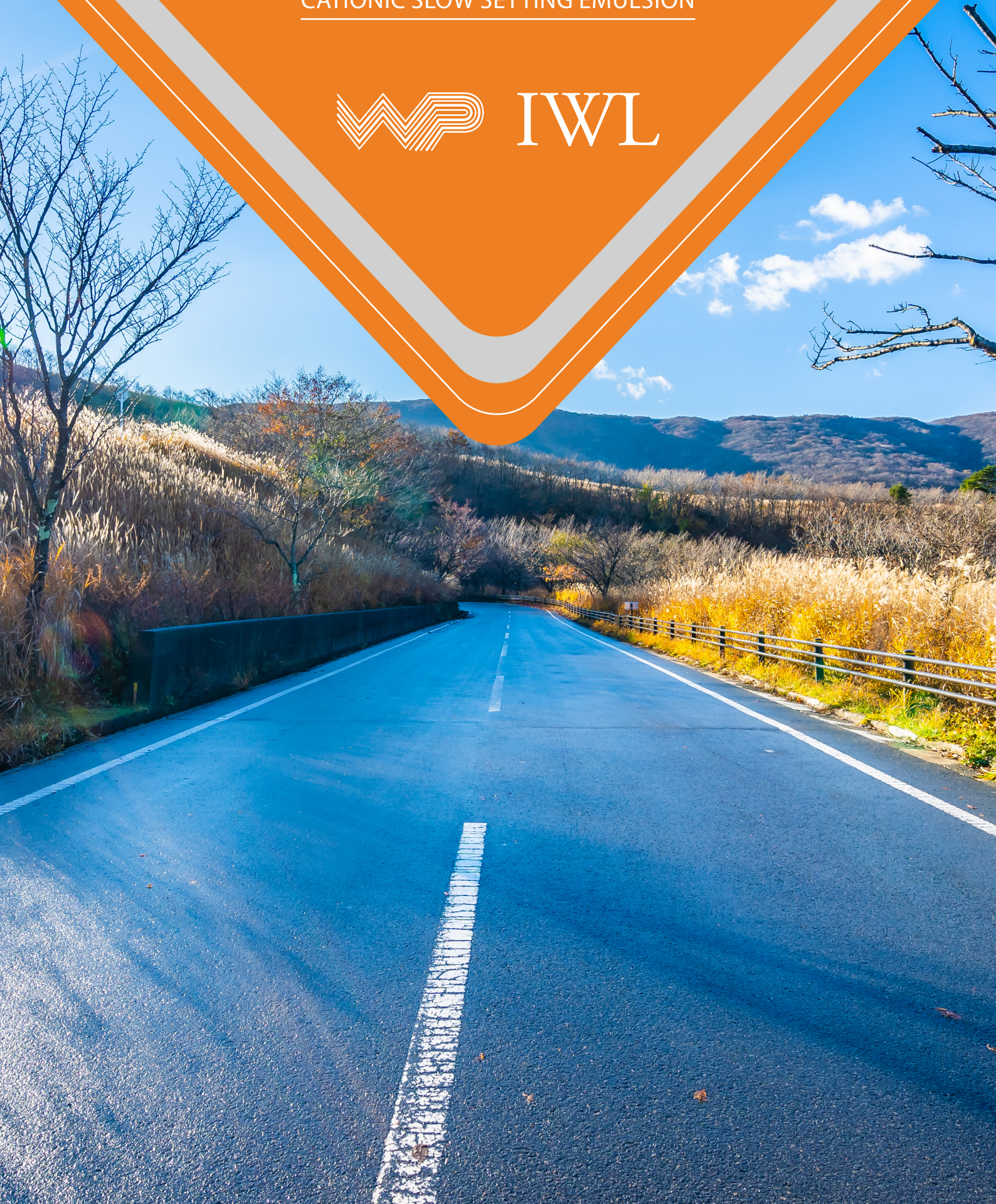


LIQUIBIT® - CSS 1

CATIONIC SLOW SETTING EMULSION



PRODUCT DESCRIPTION

Liquibit CSS 1 is a high performance Cationic Slow Setting Emulsion. This water-based emulsion has low viscosity and extended setting time. This ensures longer coating times with fine aggregates. Liquibit CSS 1 conforms to ASTM D2397 specifications.

USES

- Prime Coat
- Fog Seal / Crack Seal
- Slurry Seal
- Dust Control
- Base Stabilisation

ADVANTAGES

- Excellent Penetration
- Easy Spray Application
- Low temperature curing
- Slow Setting Time
- Eco Friendly
- Excellent bonding with cool and damp surfaces

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

If the liquid is procured in barrels, each barrel must be laid on its side and rolled gently, to and fro, to agitate the liquid and counter any minor settlement that may 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 application is 2.5 Kg to 7 Kg per 10 m² area for Crack Seal, Prime Coat and Slurry Seal work. Base Stabilisation, Dust Control and other application areas have different consumption rates depending upon the surface profile. Contact us to determine the accurate coverage for your project.

PACKAGING

200 Kg Barrel / Bulk in tankers.

STORAGE

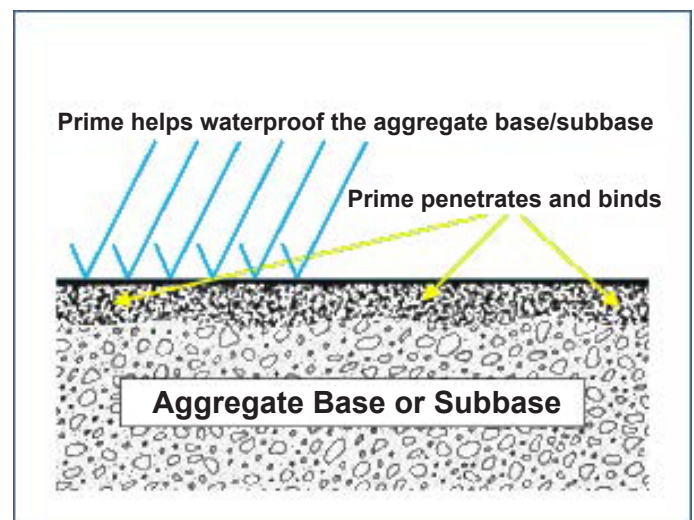
Liquibit CSS 1 is preferred to be stored in Vertical bulk tanks to minimise the surface area of the liquid. Do not allow the bituminous emulsion to either freeze or boil. Storage temperature should not be allowed to fall below 10°C or exceed 85°C (except for some special emulsions that may be heated as high as 90°C under strictly controlled conditions).

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	CSS 1
Sieve Test, Max	ASTM D6933	%	0.10
Viscosity by Saybolt Furol Viscometer @ 25°C	ASTM D7496	SFS	20 - 100
Particle Charge Test	ASTM D7402	-	Positive
Storage Stability Test, 24h, Max	ASTM D6930	%	1
Cement Mixing Test, Max	ASTM D6935	%	2
Distillation Test, Residue, Min	ASTM D6997	%	57
Test on residue:			
■ Penetration @ 25°C, 100g, 5s	ASTM D5	1/10 mm	100 - 250
■ Ductility @ 25°C, 5 cm/min, Min	ASTM D113	cm	40
■ Solubility in trichloroethylene, Min	ASTM D2042	%	97.5

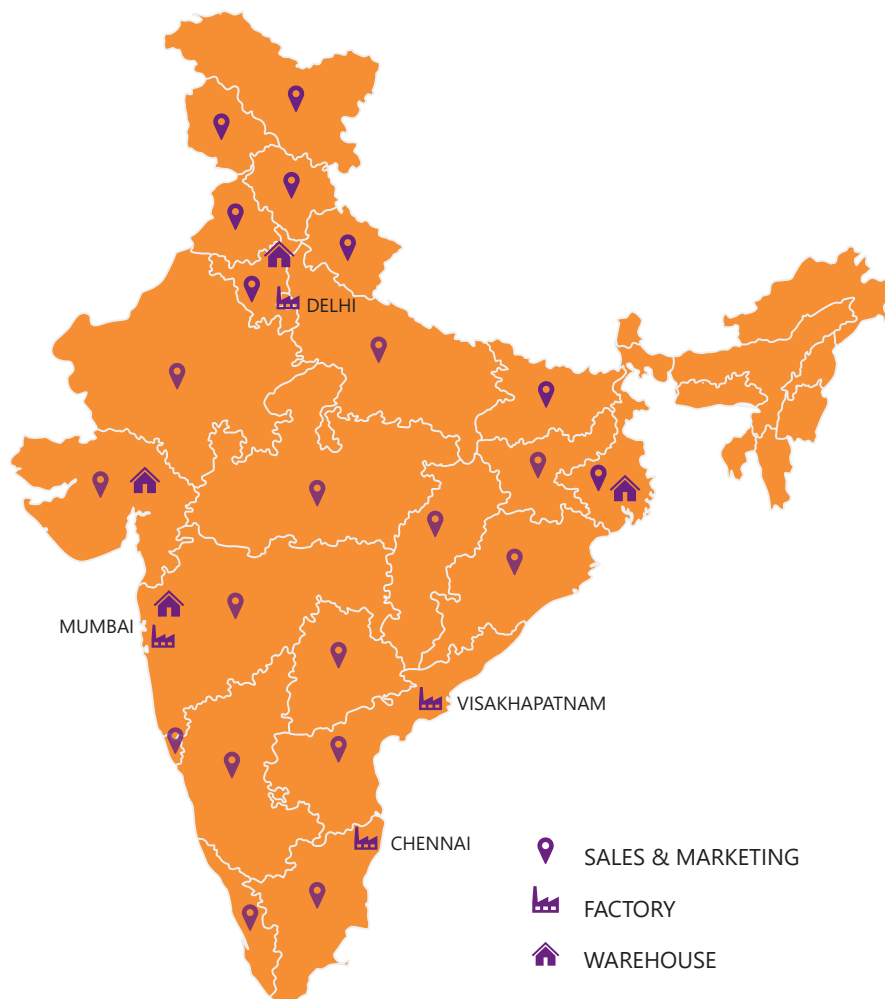


WHO WE ARE

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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ISO 9001 : 2015 Certified Company