



CLEXO
Life of Construction

CLEXODAM-EMUL

(BITUMEN EMULSION FOR ROADS)

AS PER IS: 8887-1978 AND IS: 3117-2004

CECPL-8004

OVERVIEW

Emulsion: When bitumen is dispersed in water in minute particles, it is called Bitumen Emulsion. The oil in water type emulsion confirms to IS: 8887-1978. Latest Technologies ideal for road and other applications, in cold state.

RANGE

Road Emulsion is broadly classified under Cationic and Anionic types. Our Cationic type of Road Emulsions are as per IS: 2004 and Anionic type as per IS: 3117: 2004. We produce broadly three categories of each type of Road Emulsion-Rapid setting, Medium setting & Flow setting.

Bitumen Emulsion are fluid enough to be applied at normal atmosphere temperature without heating and 6. Safe for work with their viscosities are not materially affected by change of temperatures. Unlike hot applied bitumen which dries up quickly, they remain fluid for longer giving sufficient time for easy application.

THE APPLICATIONS

General Spray Tack Coat Primer coat Liquid Seal Coat Penetration Macadam Built up Spray group	Special Spray Fog seal / Black seal Mulching Dust Binding Waterproofing
Premix Carpet Macadam Concrete	Special & Exclusive Recycling Patching Mixes Slurry Seal Soil Stabilization

ADVANTAGE TECHNICAL

1. Better Coating ability
2. More life for roads
3. Less susceptible to bleeding
4. Wider spread ability
5. Works in dam conditions.
6. In built anti-stripping property and more shelf life.

For further details visit: www.clexoengineering.com

October 2022 – Issued by CLEXO Technical Centre,

We are driving Waterproofing administrations supplier and waterproofing workers for hire in India. We give 5 and 10 years guarantee (relies upon the material quality) on our all administrations including new and old administrations from us.

CLEXO ENGINEERING & CHEMICALS PVT. LTD. has remained an expert waterproofing administrations worker for hire on both new developments



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ADVANTAGE OF USING EMULSION OVER HOT BITUMEN

Emulsion in different grades and types is tailor made to meet different design and working requirements it also has certain exclusive applications where bitumen cannot be used in added it scores over bitumen in many ways.

1. Round the year use high productivity flexibility of operation. Simple and easy to handle.
2. Damp aggregate can be used. Low Construction Cost.
3. Pollution Free.
4. Conservation of petroleum Products.
5. Energy and fuel Savings.
6. Safe for work with.

PRECAUTION:

Mix/Use only the required quantity of material, which can be utilized within stipulated pot life to avoid solidification.

Wash all the tools and tackles with industrial solvent immediately after the application is completed.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. avoid prolonged contact with eyes and skin. Protective clothing such as gloves and goggles should be worn. See the relevant material safety data sheet for more information.

PACKING & STORAGE

CLEXODAM-EMUL is supplied in 200kgs, Iron/Plastic drums.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened Containers can be stored for 12 months.

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TECHNICAL DATA

Characteristics	Grades of Emulsion			Method of Test Ref to	
	RS	MS	SS	1:No	Annex of this standard
Residue on 600 micron IS Sieve percent by mass, Max	0.05	0.05	0.05	-	B
Viscosity by saybolt furol viscometer, seconds	-	-	-	3117	-
1) At 25 Deg. C 2) At 50 Deg. C	20-100	50-100	20-100	-	-
Coagulation of Emulsion at low temperature C	Nil	Nil	Nil	-	C
Storage stability after 24h, percent Max	2	1	2	-	D
Particle Charge	Positive	Positive	Week Positive		E
Coating ability and water resistance				-	-
1. Coating, dry aggregate	-	Good	-	-	F
2. Coating, after spraying	-	Fair	-	-	-
3. Coating, after aggregate	-	Fair	-		
4. Coating, after spraying	-	Fair	-		
Stability to mixing with cement (percentage coagulation) Max	-	-	2		G
Miscibility with water	No Co-agulation	No Co-agulation	-	-	H

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PICTURES/IMAGES AT GLANCE



CLEXO ENGINEERING & CHEMICALS PVT. LTD



[An ISO 9001: 2015 Company]

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