

# CEMTEC RUBBERIZED BITUMEN EMULSION

## THIXOTROPIC MEMBRANE



### DESCRIPTION

High performance waterproofer and/ or adhesive that dries to form a tough impermeable coating.

#### Composition :

Tropical grade, thixotropic cold applied bitumen emulsion with 8% added latex.

#### Benefits :

Provides an impervious waterproofing membrane that protects concrete structures against sulfates in soils. Useful on concrete and brick foundations, retaining walls and bridge abutments. Protects exterior or interior walls. Provides a sandwich membrane in new construction and a surface treatment on existing floors. Gives adhesion for bonding wood blocks, expanded polystyrene, and cork tiles. Provides a key for plaster on difficult surfaces.

**Freight Classification :** Non-restricted item

### BASIC USES

- For waterproofing and protection of structures.
- For concrete columns and beams.
- For Damp-proofing and tanking structures below ground level.
- For interior walls with or without dampness.
- For new or existing floors.
- For use as an adhesive on wood blocks and wood mosaics
- For use as an adhesive when plastering difficult surfaces

### Direction for use

Apply thixotropic membrane only to surface that are sound, clean and free of dirt, dust, grease and loose material. Surface may be damp but not saturated. It is helpful to dampen the surfaces prior to application, particularly in hot dry weather.

### TECHNICAL DATA

Base	Bitumin
Binder content	60% minimum by mass
Specific Gravity	1.00±0.02
Softening Point	Between 40-49°C (104-120°F) if exposed to direct sunlight Temperatures are considerably higher if the product is covered by other materials
Base	Bitumen
Latex Content	8% minimum by mass in dried film
Service Temperature range (dried film)	Between - 30° to +57°C (22° - 135°F)

### THIXOTROPIC MEMBRANE CONFORMING TO:

- 1 British standard Code of Practice 102, 1973. "Protection of buildings against water from the ground"
- 2 DOE advisory leaflet No 23 "Damp - Proof Courses" Building Research Station Digest No. 54 "Damp Proofing solid floors"
- 3 DOE advisory leaflet no.77 "Adhesives used in buildings"

### HEALTH AND SAFETY

- It is non-flammable and is ready to use without heating. However, latex has a strong ammonia odour and small amounts of chemical emulsifying agents are present. Use with adequate ventilation.
- Use protective clothing gloves, mask, goggles, etc.
- Avoid inhalation or contact with skin or eyes. In such events remove the person to fresh air, water with clean water over the affected area and call for medical attention.
- Smoking should be strictly prohibited during application. In confined areas of application, breathing equipment should be made available for operatives.

<b>COVERAGE</b>	0.6 Sqm/Ltr. at 1000 micron DFT.
<b>PACKAGING</b>	Available in 20 Liter and 210 Liter Drum
<b>COLOR</b>	Black.

## APPLICATION RATES

### RATES IN M<sup>2</sup>/LITRE

USE	No. of Coats	1st Coat	2nd Coat	3rd Coat
Tanking and waterproofing Structures	2	2.25		
Vapour Barrier	2	1	1.50	
Walls	3	2.25	2.25	2.25
Floors	2	1	1	
Adhesive Wood blocks wood Mosaics	1	1.15	-	
Insulation board, expanded polysterene cork slabs	1	1.50	-	
Plastering on difficult surface	2	4.50	4.50	

TSS/140422/B

### Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

### "High Quality Construction Chemicals"

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