

CEMTEC RUBBERIZED BITUMEN EMULSION

THIXOTROPIC MEMBRANE

PRODUCT DESCRIPTION

Basic use : 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.

TECHNICAL DATA

Binder content	: 58% minimum by mass
Specific Gravity	: 0.98
Softening Point	: Between 40 - 49°C (104-120°F) if exposed to direct sunlight
Base Bitumen	: Temperatures are considerably higher if the product is covered by other materials
Latex Content	: 8% minimum by mass in dried film
Color	: Brown when applied, dries black.
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".

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 moderate dampness.
- For exterior walls
- For interior walls with dampness.
- For new floors.
- For existing floors.
- For use as an adhesive on wood blocks and wood mosaics.
- For use as an adhesive when plastering difficult surfaces.

APPLICATION INSTRUCTIONS

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.

COVERAGE

Approximately 0.6 Sqm/Ltr at 1000 micron DFT.

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.

PACKING

210 Litre drums and 20 litre pails.

APPLICATION RATES

RATES IN M²/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	

QUALITY STATEMENT

CMCI manufacture 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

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.