



# BITUKOTE EMB™

## BITUMEN MODIFIED SINGLE COMPONENT LIQUID APPLIED WATERPROOFING COATING

Apcobuild Bitukote EMB is a scientific blend of synthetic resins, selected minerals and fillers. Apcobuild Bitukote EMB is a protective and waterproof coating. It is a high performance coating that dries to give elastic, flexible, impermeable waterproof membrane.

### ADVANTAGE

- Easy and direct (cold applied) application, no preheating required.
- Seamless, no joint
- Vapour Barrier and corrosion resistant provides and impervious waterproofing membrane that protect concrete structure and brick foundation against chloride and sulphate ions present in soils and water

### USES

- Useful as protective coating on concrete, brick foundation, retaining wall, timber, metals etc.
- Use as sandwich membrane in new construction and surface treatment on existing slabs
- For waterproofing and protection of structure, concrete, columns and beams.

### SURFACE PREPARATION

- The application surface must be clean and free from dust grease and loose particles. Surface may be damp but not saturated.
- Apply one coat of Apcobuild Bitukote EMB as a PRIMER, diluting 1kg Apcobuild Bitukote EMB with 2lt water, on well-prepared surface.
- Apcobuild Bitukote EMB should be stirred well before use. It is recommended that 1 – 2 coats should be applied depending upon the degree of protection required after the primer coat.
- Apcobuild Bitukote EMB can be apply with Brush or roller

### METHOD OF APPLICATION

- After the primer coat is completely dried apply two coats of Apcobuild Bitukote EMB. It is recommended to apply the 2nd coat after the 1st coat is totally cured.
- For better results use GLASS FIBRE REINFORCEMENT embedded into 1st coat of Apcobuild Bitukote EMB while still wet.
- Apcobuild Bitukote EMB could be diluted up till 15 – 25 % for 1st coat and 10 – 15 % for 2nd coat to make material workable and get the desired coverage. All brushes and tools should be cleaned by water immediately after use.

### PHYSICAL PROPERTIES :

Sr. No.	Properties	Result
1	Physical Appearance	Blackish paste
2	Solid Content	Min 50%
3	Viscosity	45,000 – 55,000 Cps
4	Specific Gravity	0.99 to 1.04
5	Brushability	Easy to brush
6	Solubility with Water	Should be soluble

### PERFORMANCE PROPERTIES :

Sr. No.	Properties	Test Method	Result
1	% Elongation	ASTM D 412	> 700%
2	Tensile Strength	ASTM D 412	1.05 N/mm <sup>2</sup>
3	Tear Resistance	ASTM D 2794-93	15 KN/M
4	Tensile Strength Recovery	ASTM D 2370	Min 95%
5	Crack Bridging Ability	ASTM C 836	> 3 mm
6	Permeability	IS 2645-1975	Nil
7	Bond strength	ASTM D 4541	1.5 Kg/cm <sup>2</sup>
8	Coverage a) Primer coat b) Cementitious surface		7-9 mtr <sup>2</sup> / Kg 3-4 mtr <sup>2</sup> / Kg / 2 coat

### Precautions & Limitations

- APCOBUILD BITUKOAT EMB don't use / mix with solvent
- Protect coating with proper and appropriate screed
- Always keep the substrate moist and SSD before priming

### SHELF LIFE

6 months in original unopened container, store in well ventilated and dry conditions

### PACKAGING

30 kgs

**DISCLAIMER:** These suggestions and data are based on information, which we believe to be reliable. They are given for information only and in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Recommended use in construction segment.



## apcotex industries limited

Plot No. 3/1, MIDC Industrial Area, Taloja-410 208, Dist-Raigad, India  
Tel : +91-22-2740-3500 Fax : +91-22-2741-2052  
Email : apcobuild@apcotex.com Website : www.apcobuild.co.in