

POXEECOTE HB

SOLVENT BASED, HEAVY DUTY EPOXY FLOOR COATING

POXEECOTE HB is a two-component, solvent based epoxy coating supplied in pre-weighed packs ready for on-site. It is designed for use in areas where high resistance to abrasion and chemical attack is required.

PRIMARY APPLICATIONS:

- Workshops
- Kitchens
- Diaries
- Soft Drinks Production & Bottling Plants
- Showrooms

FEATURES / BENEFITS:

- Excellent resistance to a wide range of industrial chemicals.
- Excellent resistance to abrasion, wear & tear,
- Hygienic - Impervious finish provides easily cleaned surface.
- Excellent adhesion to concrete, metal and granolithic screeds.
- Available in wide range of attractive colors.

TECHNICAL INFORMATION:

Properties@ 35°C

Pot Life	:	90 minutes
Tack free Time	:	200 minutes
Recoat Time Interval	:	12 - 18 hours
Full Cure	:	7 days

CHEMICAL RESISTANCE:

Alkalies	Excellent
Ammonia	Excellent
Battery Acid	Excellent
HCL, 10%	Good
Oil	Excellent
Salt Water	Excellent

CMCI Technical Department should be contacted for details regarding the resistance to specific chemicals.

DIRECTIONS FOR USE:

Surface Preparation: Surfaces must be structurally sound, dry, clean and free from oil, dust curing compounds and other loose particles. Suitable methods of preparing concrete are sandblasting, grinding or wire brushing followed with vacuum cleaning. The potholes, blowholes, cracks etc should be filled with CEMTEC EPOMORT 100 Epoxy Mortar or with CEMTEC R 44, Epoxy Gel. For steel, abrasive blasting is required.

New concrete Floors: New concrete should have cured until the shrinkage and moisture movement is low and possess an open surface texture with all curing compounds and sealers removed. The moisture content shall be checked before application of the coating. Laitance should be removed by light sand blasting or grinding whichever is possible and should be followed with vacuum cleaning.

Old Concrete Floors:

The Concrete must be clean and sound. All oil, debris, dirt, paints and unsound concrete must be removed by using shotblast, sandblast or scarifer which will give an open surface profile with the cement paste removed from the surface. All residues must be removed by vacuum cleaning.

Priming: Very porous surfaces or damp surfaces require priming with ELASTOPOXY Primer.

Epoxy Screeds: POXEECOTE HB can be applied on CMCI's epoxy screeds such as CEMTEC EPOMORT 100. Prior to the application of POXEECOTE HB, surface of the epoxy screed must be rubbed down to remove any trowel marks or other high spots and vacuum cleaned to remove the dust and other debris.

Joints and Edges: If floor is subject to wheel traffic the edges of the floor area should be saw-cut (6mm) deep to provide a locked in edge. Moving joints as in the case of expansion joints should be brought through the coating.

Mixing: Add the Part B to the Part A for ease of mixing and mix thoroughly for 2-3 minutes using a drill and mixing prop. The epoxy must be well mixed to ensure proper chemical reaction.

Placement: POXEECOTE HB can be applied by brush, roller or spray. There should not be any ponding of the material and the material should be coated completely. The second coat must be applied after the first coat has initially dried (typically 12 - 18 hours).

CLEAN-UP: Clean tools and equipment with solvent such as CEMTEC SOLVENT, Xylene, Xylol, toluene or MEK. Do not allow the epoxy to harden on equipment.

PACKING, YIELD & COVERAGE:

POXEECOTE HB is packed in 10 liters kit. Coverage per coat is 4.60m² per liter or 3.5m² per kg at 150 microns dry film thickness. Typical recommended thickness of 300 microns DFT can be achieved in two coats.

SHELF LIFE: 12 months when stored in original, unopened pail.

PRECAUTIONS / LIMITATIONS:

- Store in room temperature environment 24 hours prior to use.
- Epoxy components may cause irritation. Avoid contact with eyes and skin by wearing protective clothing, safety shoes, gloves, safety goggles etc. If contact with eyes has occurred, seek medical attention immediately.

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.