

TARCOAT BG

COAL EPOXY COATING

DESCRIPTION

TARCOAT BG is a 100% reactive, two component high build amine-cured coal tar modified epoxy coating. It offers excellent protection to concrete surfaces against the ingress of chlorides and sulphates present in the soil.

FEATURES & BENEFITS

- High build coating.
- Easy to apply by brush or spray.
- Long term protection against corrosion.
- Direct application, in most cases no priming is necessary.

BASIC USES

- Primarily designed to protect concrete surfaces against corrosion from aggressive environments.
- Useful for all concrete structures exposed below ground level.
- Suitable for underground and foundation waterproofing to resist against chlorides, sulphates and domestic sewage, etc.

DIRECTIONS FOR USE

Concrete

New concrete must be minimum 28 days old and possess and open, porous and textured surface with all curing compounds and sealers removed. Old concrete must be clean and well textured. Surface must be clean, dry and free from oil, curing compounds, grease, dust and other contamination. Methods generally used for preparing concrete are sand blasting, acid etching, water jetting, grinding and wire brushing. The final step in cleaning shall be the complete removal of all residues by vacuum cleaner or pressure washer.

Steel

All surface should be grit blasted to meet the requirement of BS 4232. Newly cleaned steel is coated as soon as possible before the formation of rust or scale.

Mixing

Add Part B, (the hardener) into the Part A, (the resin) and mix using a slow speed, electric drill fitted with a jiffymixer. Mix for at least 3 minutes till uniform consistency is obtained. If necessary, viscosity can be adjusted by adding 2 - 5 % CEMTEC SOLVENT.

Application

TARCOAT BG may be applied by brush, or spray to give a uniform finish. Allow to cure for a minimum period of 14 days prior to putting into service.

CLEANING

Tools and equipment should be cleaned with Cemtec Solvent before the Epoxy hardens.

TECHNICAL INFORMATION

Specific Gravity - 1.43
Theoretical coverage - 4m² Per liter @ 250 microns DFT

(Coverage will be less on rough or textured surfaces and at higher film thicknesses)

Dry to touch - Approx. 24 hours at 25° C
Pot life - 2 hours at 25°C
Full Cure - 14 days after application
Bond Strength - Cohesion failure at concrete
Standard compliance - BS 5493

CHEMICAL RESISTANCE

Sea waterexcellent
Effluent Waterexcellent
Exhaust & Sewage Gasesgood
Toluenegood
Acetic AcidPoor
MEKpoor
Waterexcellent
Sewageexcellent
Distilled waterexcellent
Vegetable oils, Mineral oils and fatsexcellent
Salt Solutionexcellent

HEALTH & SAFETY

- Epoxy components may cause irritation, avoid contact with skin and eyes.
- Always wear protective clothing (rubber gloves, eye protection, etc.) when using the product.

COVERAGE	Contact CMCI tech dept.
PACKAGING	Available 10 liter and 20 liter kits. Special packing can be available on request.
COLOR	Black

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.

The Technical Specification information and recommendations 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 warranty and or responsibility is assumed on the performance of work completion executed with use of our products.

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