



CEM 2K BB

2 Component Elastomeric Waterproofing Membrane

Pack Size
15Kgs

TDS Technical Data Sheet



Product Overview

CEM 2K BB is a two-component waterproof coating specifically designed for use on roofs, water tanks, water retaining structures, as well as in bathrooms, showers, and kitchens as an under-tile protective membrane. This product is flexible, safe to use, low in odor, and non-toxic. Formulated with special polymers to increase its strength, CEM 2K BB is based on advanced acrylic polymer technology, ensuring total resistance to re-emulsification.

Features

- Flexible: Accommodates normal building movement.
- Two-component elastomeric waterproofing system.
- Advanced acrylic-based formulation.
- Protects concrete from long-term weathering and resists UV rays.
- Water-based: Safe to use, low odor, and easy to clean.
- Suitable for all cementitious substrates.

Surface Preparation

The substrate must be hard, sound, and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agents, laitance, and adhesive residues, which may inhibit adhesion. Use a suitable degreaser to remove polish, wax, grease, oil, and similar contaminants prior to mechanical preparation. Contaminated substrates should be mechanically prepared by grinding or shot blasting and vacuumed clean prior to applying CEM 2K BB.

Note: Any joints or cracks in the substrate where differential movement is anticipated, such as movement joints, should be brought through to the finished surface.

Mixing & Application

Individual contents of CEM 2K BB should be thoroughly stirred before mixing. Pour the entire content of Part A (5 liters) into a larger mixing vessel, add approximately 2.5 liters of water, and mix for one minute. Finally, add Part B to the same vessel. Mix all three materials with a spiral mixing paddle in a slow-speed drill until a consistent, homogeneous mix is achieved. Multiple packs can be mixed simultaneously for quicker installation. Apply CEM 2K BB by brush or roller. A medium nap paint roller is recommended, and new rollers should be dampened with water before use. For best results with a paintbrush, use a good-quality, 50mm long bristle variety. Apply the product to achieve the required dry film thickness per coat.

Cleaning

Wash hands, brushes, rollers, and other tools with water while the membrane is still fresh. Remove cured material with mineral turpentine.

Coverage

Approximate 14 m² per pack at 0.8 mm - 1.0 mm thickness per coat.

Physical Properties

Pot Life:	60 minutes
Appearance	Grey color, homogeneous, with brushable consistency
Mixed Material Density:	1.65 - 1.70 g/cc
Bond Strength (7 days)	> 1.0 N/mm ²
Permeability Test (DIN 1048 Part 5, 1991):	22mm

Pack Size

15kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.