

Waterproofing



Vetoproof EC760

Two-component coal tar solvent epoxy protective coating

Uses

- Protection of concrete and metal surfaces.
- Protection of foundations and sub-structural elements.
- Manholes and pipelining, marine structures, aeration tanks, canals, and culverts.
- Coating in sheet piling, power plants, oil refineries, and sewage treatment plants.

Product Description

Vetoproof EC760 is a two-component solvent-based tar extended epoxy coating system that adheres perfectly to concrete and metal substrates. Once cured, the product has excellent abrasion and chemical resistance. Vetoproof EC760 provides a hard-wearing and easily cleanable protective coating. Its use on floors, walls, structural elements, and tanks to protect against ingress of contaminants.

Advantages

- Versatile use.
- Does not support algae or bacterial growth.
- Excellent chemical resistance.
- Enhances structural life expectancy.
- Primerless.
- Protects reinforcement steel and metal substrates against corrosion.

Technical Data

Vetoproof EC760	Typical Values @ 25°C
Color	Black
Pot Life (Minutes)	45
Mix Density (Kg/L)	1.5
Chloride content	Nil
Solid Content (Volume%)	70
Touch Dry Time (Hours)	6
Full Cure Time (Days)	7
Bond Strength	Higher than concrete cohesive strength
Application Temperature (°C)	Minimum + 12°C
Over Coating Time (Hours)	Min: 15 Max: 72

Compliance Standards

- ASTM D450

Chemical Resistance

Chemical	Result
Sewage Water	Resistant
Dilute Acids & Alkalies	Resistant
Sea Water	Resistant
Salt Solutions	Resistant

Usage Instructions

Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc.

Laitance and weak surface layer shall be removed using mechanical methods such as grinding or blasting to provide a sound, well-profiled surface. Repair All necessary surfaces before application by using epoxy mortar from the Vetorep ER range. Pinholes, blowholes, and minor irregularities can be leveled and filled by Vetorep ER350.

New concrete floors shall be at least 28 days old with a moisture content of less than 5% (shall earlier application be required testing of substrate for moisture conditions shall be made).

Steel substrates should be grit blasted to surface quality SA2½ (BS 4232:Second Quality); application shall occur within 2 to 4 hours after blasting.

Mixing

Thoroughly stir the individual components of Vetoproof EC760 before mixing them. Pour the entire hardener's container content into the base container, and mix the material thoroughly for at least 3 minutes. The use of a heavy-duty slow speed, flameproof, or air-driven drill fitted with a mixing paddle is desirable.

Application

Apply the mixed Vetoproof EC760 to the prepared surface using a brush or lambs-wool roller. Ensure that the area is completely coated.

Curing

Allow the applied material to cure for 7 days to achieve the full cure to reach its chemical resistance properties.

Cleaning

Remove Vetoproof EC760 from tools and equipment with Vetonit Solvent XX400 immediately after use. Remove hardened material mechanically.

Packaging & Coverage

Product	Pack Size	Consumption
Vetoproof EC760	15 Liters Kit	7 m ² /liter / coat @ 100 microns

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed kit of Vetoproof EC760 has a shelf life of 12 months, provided it is stored clear of ground in a dry and shaded place below 35°C.

Health & Safety

Vetoproof EC760 and Vetonit Solvent XX400 should not come into contact with skin and eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapors. Some people are sensitive to resins, hardeners, and solvents. Wear suitable protective clothing, gloves, and eye protection. If working in confined areas, use suitable respiratory protective equipment.

The use of barrier creams provides additional skin protection. In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent. In contact with the eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - Do not induce vomiting.

Vetoproof EC760 and Vetonit Solvent XX400 are flammable. Keep away from sources of ignition. No Smoking. In the event of a fire, extinguish with CO₂ or foam.

For professional use only. Keep out of reach of children.

Due to continuous product improvements, the data mentioned in this document is subject to change without prior intimation. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.