



Vetoproof EC761

Solvent free coal tar epoxy based protective coating

Uses

- To protect seawater tanks, channels, and intakes.
- For pipe & manhole linings.
- For sewage works & effluent plants.
- To waterproof foundations, jetties, piers, and docks.

Product Description

Vetoproof EC761 is a two-component, solvent-free, and coal tar-extended epoxy coating system that adheres perfectly to concrete and metal substrates. Once cured, the product develops excellent abrasion & chemical resistance. Vetoproof EC761 provides a hard-wearing and easily cleanable protective coating whether used on floors, walls, structural elements, and tanks (to protect against ingress of contaminants).

Advantages

- Versatile use.
- Does not support the growth of algae or bacteria.
- Excellent chemical resistance.
- Enhances structural life expectancy.
- Doesn't require priming.
- Protects reinforcement steel & metal substrates from corrosion.

Technical Data

Vetoproof EC761	Typical Values @ 25°C
Color	Black
Pot Life (Minutes)	90
Mix Density (kg/Ltr)	1.4
Chloride Content	Nil
Solid Content (By weight %)	96
Touch Dry Time (Hours)	3
Full Cure Time (Days)	7
Long Term Water Permeability	Nil
Capillary Absorption and Permeability to Water (EN 1062-3)	0.0001
Adhesion Strength (EN 1542) (N/mm ²)	Higher than concrete cohesive strength
Application temperature (°C)	Minimum + 12
Over Coating Time (Hours)	Minimum: 15 Maximum: 72

Standards Compliance

- 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 compounds, etc. Laitance and weak surface layer should be removed using mechanical methods to provide a sound well-profiled surface (such as grinding or blasting). Make all the necessary repairs before the application using an epoxy mortar from the Vetorep ER range. Use Vetorep ER350 to fill & level pinholes, blowholes, and minor irregularities

New concrete floors should be at least 28 days old with a moisture content of less than 5% (shall earlier application be required, test of substrate for moisture conditions). Grit blast steel substrates to surface quality SA21/2 (BS 4232:Second Quality). The application process should take place within 2 to 4 hours after blasting.

Mixing

Stir the individual components of Vetoproof EC761 individually & thoroughly before mixing them together. Pour the entire contents of the hardener container into the base container and mix the material thoroughly for at least 3 minutes. We recommend using a heavy-duty, slow speed, flame-proof, or air-driven drill fitted with a mixing paddle.

Application

Apply the Vetoproof EC761 mix to the prepared surface using a brush or a lambs-wool roller. Coat the entire area.

Curing

Allow the applied coat 7 days to fully cure & develop peak chemical resistance properties.

Cleaning

Remove Vetoproof EC761 from tools and equipment with Vetonit Solvent XX400 immediately after use. Remove hardened material mechanically.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

Product	Pack Size	Consumption
Vetoproof EC761	18 & 400 Liters Kit	4.8 m ² /liter coat @ 200 microns

***Note:** the pack size of 400 L must be split into a maximum 18 L Kit (≈ 9 L per each part) at the mixing time to keep the material within the pot life specification.

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

Shelf Life & Storage

The original sealed kit of Vetoproof EC761 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 EC761 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 EC761 is non-flammable.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.