



Vetoproof EC761

Solvent free coal tar epoxy based protective coating

Uses

- Protection of Seawater tanks, channels and intakes.
- Pipe and manhole lining.
- Sewage works and effluent plants.
- Foundation waterproofing, Jetties, piers and docks.

Product Description

Vetoproof EC761 is a two component solvent free tar extended epoxy coating system that adheres perfectly to concrete and metal substrates. Once cured, the product has excellent abrasion and chemical resistance. Vetoproof EC761 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.

Packaging & Coverage

Product	Pack Size	Theoretical Coverage
Vetoproof EC761	15 Liter Kit	5 m ² /liter / coat @ 200 microns

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

Shelf Life & Storage

Original sealed kits 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.

Technical Data

Vetoproof EC761	Typical Values @ 25°C
Pot Life	60 Minutes
Density	1.5 kg/Ltr approx.
Chloride content	Nil
Solid Content (Volume)	100%
Touch Dry Time	3 hours
Full Cure	7 days
Long Term Water Permeability	Nil
Water Absorption	0.0001
Bond Strength	Higher than concrete cohesive strength
Application temperature	Minimum + 12°C
Over Coating Time	Min: 15 Hours Max: 72 Hours

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, laitence, dirt curing compound, etc.

Laitence and weak surface layer shall be removed using mechanical methods such as grinding or blasting in order to provide a sound well profiled surface. All necessary repairs should be made prior to application by using epoxy mortar from Vetorep ER range. Pin holes, blow holes and minor irregularities can be leveled and filled by Vetorep ER350.

New concrete floors shall be at least 28 days old with 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) and application shall take place within 2 to 4 hours after blasting.

Mixing

The individual components of Vetoproof EC761 should be thoroughly stirred before the two are mixed together. The entire contents of the hardener container should be poured into the base container and the materials mixed 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

The mixed Vetoproof EC761 should be applied to the prepared surface using a brush or lambs-wool roller. Ensure that the area is completely coated.

Curing

The applied shall be allowed to cure for 7 days to achieve full cure to receive its chemical resistance properties.

Cleaning

Vetoproof EC761 should be removed from tools and equipment with Vetonit Solvent XX400 immediately after use. Hardened material can only be removed mechanically.

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, suitable respiratory protective equipment must be used.

The use of barrier creams provide additional skin protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent. In case of contact with 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 divided into the following product groups:

- Waterproofing.
- Concrete Repair, Grouts and Enhancements.
- Flooring and Coating Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tiling Systems
- Primers & Ancillary Products.
- Specialty Products.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

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

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