



# Vetoproof CM744

Polymer modified water resistant cementitious top coat

## Uses

- As a textured protective cementitious finish for boundary walls, , blocks, concrete...etc.
- Waterproofing under tiles in wet areas.
- To protect atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, oxygen and water

## Product Description

Vetoproof CM744 is a two component polymer modified protective coating for concrete and masonry, its supplied in ready to mix kits that can be applied by stiff brush or trowel. Vetoproof CM744 used to re-face and even out variations in concrete and masonry surfaces. It provides a seamless, slightly flexible waterproof coating suitable for water tanks, reservoirs and roofs. The product provides a tough durable wear resistant coating which can withstand light pedestrian traffic, has excellent weather resistance for exterior applications and provides a decorative function.\*

\* Discoloration may occur due to the elements but the function remains intact

## Advantages

- Excellent barrier to carbon dioxide, chloride ions and water.
- Allows water vapor to escape from the structure.
- Waterproof.
- Good resistance to weathering, durable in all climatic conditions including UV attack.
- Cost effective.
- Non-toxic - ideal for potable water tanks.
- Covers honeycombed and pitted poured concrete effectively.

## Design Criteria

The coating should be applied in two coats to achieve a total dry film thickness of not less than 2 mm. Areas subjected to light foot traffic should receive minimum 2 mm thickness and an additional 2 mm coating should be applied to areas of moderate to heavy pedestrian conditions. To achieve the correct protective properties, Vetoproof CM744 must be applied on to the substrate at the coverage rates recommended.

## Technical Data

Vetoproof CM744	Typical Values @ 20°C
Pot Life	40-60 min
Density	1.7 kg/Ltr approx.
Toxicity - BS6920	Pass
Chloride content	Nil
Bond Strength	Higher than concrete cohesive strength
Application temperature	Minimum + 5°C
Harmful to EEC 88/379	No

## Usage Instructions

### Surface Preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss algal growth, laitance, and all traces of mould release oils and curing compounds. This is best achieved by lightly grit-blasting the surface. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a Saveto repair system. For further advice, consult the local Saveto office. It is essential that all surfaces to receive Vetoproof CM744 be pre-soaked with clean water prior to application of Vetoproof CM744.

## Mixing

Vetoproof CM744 liquid concentrate should be poured from the plastic container into a suitably sized mixing container. Commence mixing with a propeller agitator attached to a slow speed drill (300-500 rpm). The powder component should be added gradually to the liquid to avoid lump formation and mixed for 2 to 4 minutes. Vetoproof CM744 should be immediately used after mixing. Do not mix more material than can be used within the pot life. Keep mixing Vetoproof CM744 during the application.

## Application

For best results, surfaces should be damp. In order to obtain the protective properties of Vetoproof CM744, it is important that the correct rates of application are observed. Use a short stiff brush preferably 120 - 200 mm width and apply in one or two coats as required. trowel applications should use the correct mixing ratio to obtain satisfactory consistency.

The application of Vetoproof CM744 should not commence if the temperature of the substrate is below 5°C. Application of Vetoproof CM744 on hot substrates, i.e. over 35°C is not recommended. It is recommended that for general resurfacing each coat should be 1 mm thick. Areas subjected to light foot traffic should receive at least 2 mm thickness of Vetoproof CM744 and an additional 2 mm should be applied if conditions are moderate to heavy pedestrian traffic. If in doubt about the condition of the substrate, consult Saveto technical department for any additional information.

## Cleaning

Clean tools with water promptly before material hardens. Hardened material can be mechanically removed.

## Packaging & Coverage

Product	Pack Size	Theoretical Coverage
Vetoproof CM744	23 Kg Kit	14 - 23 m <sup>2</sup> /kit

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

## Shelf Life & Storage

Original sealed container of Vetoproof CM744 and has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

## 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 in accordance with any advice, specification, recommendation or information given by us. Saveto has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

## Limitations

- Do not apply the product at temperature less than +5°C.
- For further information contact our technical department.

## Health & Safety

Vetoproof CM744 contains cement powders which, when mixed or become damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment. 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. In case of contact with eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting.

Vetoproof CM744 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.