



Vetoproof CR747

Rapid setting cementitious water plugging mortar

Uses

- Temporary patching and stop flowing water from concrete and masonry segments.
- Emergency water stopping of service entry points in manholes or broken cementitious pipes at low pressure.

Product Description

Vetoproof CR747 is a single component rapid setting cementitious water plugging mortar that sets in 45 seconds. The product is composed of a blend of powders, specialty cements and special additive to enable fast reaction and non-washability of the products once applied to concrete or masonry sections with presence of flowing water.

Advantages

- Chloride free formulation.
- Rapid setting enabling emergency water stopping.
- Allows over-lining with epoxy mortar to have a permanent solution.
- Usable on horizontal, vertical and overhead situations.
- Single component - easy to use.

Usage Instructions

Surface Preparation

Areas to be patched should be cut back to a depth of 15 mm and given a good mechanical key. Feather-edges must not be allowed. Surface should be brushed clean to remove loose material, dust and laitence. Grease, slime or mould growth should be removed by steam cleaning or high-pressure water jetting. A proprietary degreasing agent should be used for removal of light oil or grease contamination.

To seal leaks, crack openings must be chased out to approximately 20 mm square. The chase should always be undercut to avoid leaving a v-section. All loose material and debris should be removed.

Mixing

Vetoproof CR747 should be added to clean water in the following proportions:

One part clean water : 3 parts Vetoproof CR747 (measured by volume).

Mix to a stiff consistency in a suitable mixing drum or bucket, using a trowel or gloved hand. Due to the rapid set characteristics of the product, only prepare a quantity of mortar which can be placed within the prescribed set time.

Application

Trowel apply or hand-knead the mixed mortar in place, ensuring maximum contact with the substrate before the material sets. If being used to plug running water, Vetoproof CR747 should be used and held in place until the initial set is reached.

Note the minimum applied thickness of Vetoproof CR747 should be 15 mm.

Low temperature working

In cold conditions down to 1°C, the use of warm water (up to 20°C) is advisable to accelerate strength development. Normal precautions for winter working with cementitious materials should be adopted. The material should not be applied when the substrate and/or air temperature is 1°C and falling. At 1°C static temperature or at 1°C and rising, the application may proceed.

High temperature working

At ambient temperatures above 35°C, the material should be stored in the shade and cooler water (down to 20°C) used for mixing.

Cleaning

Vetoproof CR747 product should be removed from tools, equipment and mixers with clean water prior to the initial set. Cured material can only be removed mechanically.

Packaging & Coverage

Product	Pack Size	Coverage
Vetoproof CR747	10 kg & 25kg bags	5 Liter yield

Shelf Life & Storage

Original sealed container of Vetoproof CR747 and has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

Limitations

- Vetoproof CR747 should not be used when the temperature is below 1°C and falling.
- If any doubts arise concerning application or substrate conditions, consult the local Saveto office.

Health & Safety

Vetoproof CR747 contains cement powders which, when mixed or become damp, release alkalies 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 CR747 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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