



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 cement, and special additives to enable fast reaction and non-washability of the products once applied to concrete or masonry sections with the 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 in horizontal, vertical, and overhead situations.
- Single component - easy to use.

Usage Instructions

Surface Preparation

Cut back areas to be patched to a depth of 15mm and give it the correct mechanical key. Feather-edges must not be allowed. Brush clean the surface to remove loose material, dust, and laitance. Remove grease, slime, or mold growth by steam cleaning or by high-pressure water jetting. Use a proprietary degreasing agent for the removal of light oil or grease contamination. To seal leaks, chase out the crack openings to approximately 20mm square. The chase should always be undercut to avoid leaving a v-section. Remove all loose material and debris.

Mixing

Add Vetoproof CR747 to clean water in the following proportions:

One part clean water : 3 parts of 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 product's rapid set characteristics, only prepare a quantity of mortar that 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. Vetoproof CR747 should be used and held until the initial setting is reached if used to plug running water.

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

Application in Low Temperature

In cold conditions down to 1°C, warm water (up to 20°C) is advisable to accelerate strength development. Standard 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 1°C and rising, the application may proceed.

Application in High Temperature

At ambient temperatures above 35°C, store the material in the shade and use cool water (down to 20°C) for mixing.

Cleaning

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

Packaging & Coverage

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

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 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 that release alkalis that can harm the skin when mixed or damp. 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 provides additional skin protection. In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with the 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.

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

Legal Disclaimer

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