

CHEMCORE WATERPLUG

A fast setting plugging compound
for stoppage of running water

BENEFITS

- Stops running water instantly
- Sets underwater
- Non-shrink, non-metallic
- High structural strength
- Easy to use - simply add water
- Low exotherm minimizes thermal cracking

DESCRIPTION

CHEMCORE WATERPLUG is a blend of cements, well-graded sands, and special additives in dry powder form. It requires only the addition of clean water to produce a ready-to-use, ultra-rapid setting, plugging mortar. **CHEMCORE WATERPLUG** sets in 2 to 3 minutes depending on the temperature and the surface to which it is applied. Lower temperatures will retard the setting time, while higher temperatures will accelerate it.

USES

CHEMCORE WATERPLUG is used as a rapid-setting plugging and patching mortar for the instant repair of leakages in concrete/masonry structures, preventing water loss. It is used as a plugging mortar for fixing nozzles or grouting operations. It is also used for arresting instant water seepages through dams, water tanks, basements, sunken pits, and floor junctions.

PROPERTIES

Color	Grey
Initial Set Time	2-3 minutes @ 30°C approx
Fresh Wet Density	2150 kg/m ³

APPLICATION

1. Surface Preparation: Chisel out masonry around the hole or crack to a depth and width of not less than 25 mm. Ensure that the hole is wider within the wall than at the surface (inverted 'V' groove). If the water pressure is high at the area to be patched, make weep holes at the base of the wall to relieve the pressure. Remove all loose material and debris.

2. Mixing: **CHEMCORE WATERPLUG** should be mixed with a trowel in small quantities, 1:4 by volume or 1:5 by

weight (water to **CHEMCORE WATERPLUG**). Mix only the quantity that can be used immediately.

3. Application: Hold the mixed **CHEMCORE WATERPLUG** in the gloved hand until heat generation is felt, then force the material into the crack or void and hold tightly with the palm of the hand for 3 minutes until **CHEMCORE WATERPLUG** sets. If the opening is too large to be closed with one mix of **CHEMCORE WATERPLUG**, work progressively from the sides to the middle, following the above method of application.

4. Over Coating: After applying **CHEMCORE WATERPLUG**, it is recommended to overcoat with **CHEMCORE WM(F)** or **CHEMCORE T** (refer to the separate data sheet for more information) for durable performance.

5. Cleaning: Tools should be cleaned with water immediately after use. Cured material should be removed mechanically.

SHELF LIFE & STORAGE

CHEMCORE WATERPLUG has a shelf life of 6 months in unopened containers when kept in dry conditions at a temperature between 5°C and 35°C. The material must be kept in a shaded area and away from direct sunlight. Storage at higher temperatures or high humidity may reduce shelf life.

PACKING

CHEMCORE WATERPLUG is supplied in 1 kg, 5 kg, and 25 kg bags.

HEALTH & SAFETY

CHEMCORE WATERPLUG is non-toxic, non-flammable, and mildly alkaline. Any splashes must be washed off with water.

SPECIFICATION

Supply and apply **CHEMCORE WATERPLUG**, a fast-setting grey-colored plugging compound for stopping water, with an initial setting time of 2-3 minutes @ 30°C approximately, and a fresh wet density of 2150 kg/m³. **CHEMCORE WATERPLUG** is available in 1 kg, 5 kg, and 25 kg bags. The application is done by pressing the material with gloved hands to the place for 3 minutes until heat is generated, in accordance with the guidelines of CHEMCORE.

CHEMCORE WATERPLUG

QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO 14001 & ISO 45001 (Occupational Health and Safety) certified by ISOQAR/UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our quality control laboratory and technical experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.



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