



## **Ceme Hardener - 444**

Concrete sealing strong Water plugging accelerator.

### **Description: -**

Ceme Hardener – 444 is an admixture in liquid form of inorganic substances with set accelerating effects by chemical reaction, Ceme Hardener – 444 accelerates the setting and hardening of cement, thus stopping the backwater pressure from washing out the Ceme Hardener – 444 application.

### **Fields of Application:-**

Ceme Hardener is a bonding material for strong water leaks in basements, underground water tanks, water reservoirs, dams, etc. It is an ideal supplementary material for Plugging, pouring, and for sealing and renovating old and damaged concrete, cement plaster, brick work and rock etc.

It can be safely used for anchoring and caking dowels, iron parts, machinery and appliance, where rapid setting and hardening of concrete are required

### **Instructions for Use:**

The Dosage of Ceme Hardener – 444 should be determined according to the setting time desired. Rate of accelerating is also influenced by the quality of cement. Its age of manufacture, temperature and the amount of gauging water. Low working temperature will show down the hardening process and may require higher dosage.

Dosage will also depend upon the intensity of water leaks. Full strength dose by weight of cement will be required on very wet areas.

Mix Ceme Hardener - 444 Liquid in determined quantity with gauging water and add to neat cement or sand cement in 1:1 ratio. The higher the contents of Ceme Hardener – 444 and neat cement, the quicker the setting and hardening of the concrete.

Add Ceme Hardener – 444 and water solution in quantity just sufficient to produce a stiff paste, which should immediately be applied using hand gloves to water leaks exerting a counter pressure. On wider areas apply 2 to 3 coats. The treated surface should be kept wet and cured in normal manner for 5 days.

### **Technical Data.**

Appearance:	Liquid
Color:	Green
Specific gravity	1.26
Ph- value	12
Minimum working Temperature	+5 deg C
Dosage:	1 to 1.5 Ltr/bag of OPC/SRC
Storage	frost free – In well Containers for 1 year

### **Packaging:**

5,10 25 and 200 Liter Drum.

### **Health & Safety:**

Ceme hardener is not a fire or health hazard.it is mildy alkaline. Avoid prolonged contact with the skin. Splashes to the skin should be washed with water. In case of contact with eyes immediately flush with cold water and seek medical advice.