

TECHNICAL DATA SHEET

ADDAGE CORROSION INHIBITOR

(Bar Coating - Reinforcing bars in concrete)

PRODUCT DESCRIPTION

ADDAGE Corrosion Inhibitor is a colourless solution containing corrosion inhibitor it is used for preparing anti-corrosive treatment which can be applied on steel reinforcement rods for corrosion protection and alkaline nature Compound.

It is compatible with OPC Cement or Portland Pozzolana Cement (PPC) to form Cement Slurry and is applied in one or two coat on steel surface to protect it from the attack of Sulphate, Chloride ions and salts to keep the steel surface in high pH atmosphere. This coating provides a highly alkaline and passive environment to rod surface. With addition of the proper corrosion inhibitor the attack of Sulphate and Chloride ions can be prevented on metal surface.

PROPERTIES

Excellent Adhesion to steel Concrete and mortar.

Alkaline pH

Keep the Steel surface at high pH atmosphere.

APPLICATION

Reinforcing bar in concrete used for construction on large scale such as bridges, dams, piers, high-rise buildings.

PRODUCT SPECIFICATION

Appearance	Colorless liquid
pH	11-12
Sp. Gravity	1.03 - 1.06

ADVANTAGES

Easy to use
Protect form action of chloride, sulphate and salts.
Good bonding coat for cement concrete and mortar
Non inflammable

APPLICATION INSTRUCTION

Before applying cement slurry manually remove dirt, rust particals, and iron oxide remnants if any on the rebar by using wire brush.
Care should be taken to see that the mix of uniform consistency.
Apply cement slurry by brush or dipping rod in chemical
Dipping time for the reinforcement shall be enough to cover the entire steel surface with the coating.
In case of any bar left uncoated the slurry shall be applied by brush immediately
The treatment shall be given to the reinforcement only after cutting and bending.
Always make the cement slurry in small quantity.
Keep the bars for air drying for 8-12 hours. And treated bars handled after 8-10 hr and stacked carefully.

DOSAGES

Make the Cement slurry by taking 1 Kg. of cement and mixing with 600 ml. of inhibitor solution.
Mix slurry uniformly.

STORAGE

Keep the container closed when not in used. Keep away from direct heat and sunlight in a shaded area.

SHELF LIFE

Best of before 6 month from the date of manufacturing in unp.

Packing:

ADDAGE Corrosion inhibitor available in 50 kg can and 200 kg barrel.

