

PRODUCT INFORMATION

AL INTEGRAL CORROSION INHIBITOR FOR CONCRETE AND COATING MATERIALS FOR STEEL BARS.

DESCRIPTION:

NR - 900 is a light yellowish liquid or powder, ready to use integral corrosion inhibitor for concrete & mortar. It can be applied on steel bars as protective coating to prevent corrosion. The mechanism for corrosion prevention by NR-900, corrosion inhibitor is that it helps to form a passive membrane on the surface of reinforcing steel. The Product satisfies the requirement of M.O.S.T specification for Inhibitor Solution under Apendices 1000-1 and vide Patent No. 109784/67. The product is recommended for use where marine sand or subsoil waters containing high soluble salts are present in concrete . Also for long life of reinforcing steel bars in concrete , the protective film on the surface of the reinforcing steel prevents rusting & consequently impairs concrete durability.

THE COUNTER MEASURES SUGGESTED ARE:

- Lower the water-cement ratio as much as possible by the use of 'CEMWET - SP' super plasticizer and make dense concrete.
- Place concrete precisely in accordance with specification as well as to increase protective covering.
- Use good corrosion inhibitor- NR-900.
- Finish concrete surface carefully to make it dense.

BENEFITS

- Integral Corrosion inhibitor, highly effective for preventing rust.
- It works for long period of time.
- Workability, Strength and quality of concrete are not affected.
- Its rust preventing effect is greatly improved.

APPLICATION

- A] NR-900 is added to concrete mix at the point of use along with cement, sand, aggregate and water. The dosage of 1% of NR-900 by weight of cement or 500 gms/bag of cement(50 kg) is adequate.
- B] For steel bars:600gm of NR-900 with 1kg of cement to be added and stir it properly. Then apply with a brush on steel bars.

COVERAGE :3 to 3.5 Sq. meter per kg of NR-900 on steel surfaces.

PACKING : In steel barrels of 220kg. Net Weight.

ADVANTAGES :No solvent, No fire hazards, Odourless, Non-toxic.

STORAGE :Unlimited shelf-life when stored in well sealed containers in frost-free condition