

RUST PREVENTIVE – WATER BASED**IPOL ANTIRUST LR PC -100****Description:**

Normally water in the presence of oxygen causes metal corrosion or rust; however the present chemical technology, with the help of some excellent water soluble corrosion inhibitors' prevents this from happening. The water based rust preventives are either in the solution or emulsion form and once the water evaporates, leaves a steady film on the metal surface to prevent the corrosion due to high humidity.

Salient Features:

IPOL Antirust LR PC 100 is an emulsifiable rust preventive and specially developed as per the requirements of **LOW RELAXATION PRESTRESSED CONCRETE (LRPC)** wires.

IPOL Antirust LR PC 100 is an emulsifiable oil which can provide an oil-in-water emulsion with water in continuous phase. The emulsion can withstand water hardness up to 600 ppm.

IPOL Antirust LR PC 100, unlike other liquid concentrate does not stratify easily and quite ideal for locations with long winter.

Oil is manufactured as per IS 14268:1995.

Application:

- Found to be effective on ferrous and non-ferrous material.
- Specially recommended for copper and Aluminium alloys.
- Can be easily applied by dip, spray or brush.
- Easily washed off with cold water.
- Water soluble oil may be applied on strands.
- Specially selected for wire ropes, tubes and metal sheets.

Product Data

Benefits:

- Very stable emulsion with hard water therefore total rust preventive covering can be removed from wire rope to give better adhesion with concrete.
- Can replace solvent based, polymer based rust preventive oils.
- Achieve economy of over all operations.
- Environmental friendly, as it does not contain any toxic or harmful materials.

Typical Results:

Characteristics	Test Methods	Result
Specific Gravity at 30°C	IS1448-P16	0.878
Flash Point (COC)°C	IS1448-P69	156
Viscosity cSt at 40°C	IS1448-P25	25
Emulsion stability with 600 ppm hard water	IS1448-P98	Passes
Cast Iron Corrosion	Standard	Passes

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