



CLASSIC RUST SHIELD

**Single Component Pre-packed
Rust Converter / Remover**

DESCRIPTION:

Classic Rust Shield is a trible action chemical has the nature of degreasing, derusting and form mild phosphate coat on the surface of the metal. This liquid can be used for rusted reinforcement steel and other steel surfaces. An Ideal alternative for sand blasting and acid picking

PURPOSE:

The Classic Rust Shield is a type of pretreatment solution can be used on the surface of the metal before laying the concrete. Also can be use to remove rust before painting , Powder coating and epoxy coating.

PRE TREATMENT:

• **BRUSHING PROCESS:**

When heavy steel articles are to be treated, wash thoroughly and brush solution with a sponge/cloth. Brush liberally or spray, allow curing for 6 to 20 hrs. To speed up drying, use hot air at temp 25 to 35c.

• **DIPPING PROCESS:**

Articles desired to be dipped should be cleaned thoroughly and immersed Treatment time max 10min. Inspect articles to check whether completely phosphate (i.e.) a silvery grey coating is formed. Once coated, remove articles, air dry and it fast drying is required use hot air at temp 25c to 35c.

HOW TO USE:

- ❖ Wash inside and outside thoroughly with a jet of water to remove dirt, loose rust and scales and degrease.
- ❖ Spray or brush *Classic Rust Shield* solution with a cotton brush.
- ❖ Allow 5 to 10mins. for penetration and reaction of chemical.
- ❖ Now wash off loose rust with a jet of water. A thin iron phosphate coating will be formed in the first coat. remove hard rust with steel wool.
- ❖ Again brush or spray *Classic Rust Shield* solution liberally. Allow the film to dry totally. Drying may take about 12 to 18 hrs. depending on weather condition.
- ❖ Though the converted *Classic Rust Shield* solution film will last a few weeks, it is advisable to paint as early as possible
- ❖ For conversion coating, just brush *Classic Rust Shield* solution after cleaning the surface. After drying, the rust will be converted into metallic phosphate coating.

TYPICAL PROPERTIES:

Product	:	<i>Classic rust shield</i>
Appearance	:	Greenish color
PH	:	Acidic 1.1 to 1.2
Non flammable	:	Yes
Water Based	:	Yes
Storage Temp	:	30 to 40c
Pollution	:	None in either Mfr. or in Application
Usage	:	Brushing/Spraying

COVERAGE:

1 Part of ***Classic Rust Shield*** mixed with 1 Part of clean water will be covered 8 to 10 Sq.mt.

PACKING:

1 Lt, 5 Lt, 10 Lt, 20 Lt, and 50 Lt Containers.

STORAGE LIFE

Classic Rust Shield has a self life of 6 months when stored unopened in original sealed pack under shade in dry conditions.

OUR RANGE INCLUDES

- **Admixture**
- **Waterproofing**
- **Sealants & Protective Coating**
- **Repairs, Adhesives and Surface Treatment**
- **Industrial Grout & Flooring**
- **Epoxy Products**

ECO FRIENDLY & SPECIAL PRODUCTS

- **Liquid Granites**
- **Geo Polymer based Eco Friendly Products**



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