

STEEL SHIELD

**SPECIALLY FORMULATED AQUEOUS
POLYMERIC ALKALINE PROTECTIVE
COATING AGAINST CORROSION**



TECHNICAL DATA SHEET

- Single component Ready to use.
- Very good adhesion.
- Semi matt Finish.
- Long corrosion resistance to Steel Bar.
- Gives tough & hard coating on Steel Bar.

FEATURES

- KESARI STEEL SHIELD is a Single Component, ready to use.
- Water Based protective coating for Steel-bar.
- Economical, Very good adhesion.
- Good anti corrosive property to Steel-bar.
- Easily Applied by Brush or Spray.

AREAS OF APPLICATION

- On re-bars during repairs to RCC structure.
- Coating on TMT rods newly Manufactured.

ADVANTAGES

- Good adhesion between TMT rods. & concrete/P mm.
- Bend test pass.
- High Abrasion resistance
- It is non-toxic in nature.
- Excellent working time.

APPLICATION METHOD

SURFACE PREPARATION

- All substrate should be clean and free of dust, laitance, plaster oil, and any other deleterious materials, paint, corrosion deposit
- Loose rust by wire brushing, chipping, hammering, or grinding so that majority of rust scale is removed. Application Method
- Apply one coat of KESARI STEEL SHIELD with brush or spray on dry surface. Allow it to dry completely for 1-2 hours.
- Thinning with plain Water.
- Apply Second Coat if required, in case of any discontinuity in the first coat after drying.

Drying Time

- Surface dry-Less than 45 minutes, under ambient conditions.
- Hard dry (Less than 12 Hours)

TECHNICAL INFORMATION

Appearance	Aqueous Green Liquid
Specific gravity	1.1 ± 0.02 gm/cc
Salt spray	750 hours passed
Coverage	40-50 Sq.Ft./Kg

PACKAGING

1,5 kg.

SHELF LIFE

12 months in ideal storage condition

PRECAUTIONS AND LIMITATIONS

Handle with care

Recommended use of hand gloves, goggles and mask

HEALTH AND SAFETY

Keep out of reach of children, Keep in cool place if in contact with eyes, rinse with plenty of water and seek medical attention if irritation develops