

BAR SOL

Water Based Anti Corrosive Bar Coating

DESCRIPTION

BAR SOL is the most economical anti corrosive & high grip coating for steel bar protection. It has good adhesion & gives fairly good corrosion resistance to metal. It can be brushed or sprayed. It gives hard & tough coating on metal surface steel-bar, Tor-steel bar etc. It conforms to BS 4652, 1995 type-2.

RECOMMENDED USE

It is applied on steel bavr furniture's industry, cast iron, and short, wherever economical primer is required on ferrous substrates, it can serve the purpose.

PRODUCT DATA

Finish : Semi matt

Colour : Parrot Green

Coverage : On smooth mild steel surface : 100 - 120 kg steel / ltr depending upon surface.

Drying time : Surface dry - Less than 45 minutes.

Hard dry - Less than 12 hours.

Over Layer time - Minimum 10 hours

(Above properties depend upon temperature & humidity)

Packing : Ltr - 1,4,10,20.

Thinner : Clean Water

APPLICATION VISCOSITY

Brushing - 50 to 60 sec at 30°C by F. C. No.4

Spraying - 30 to 35 sec at 30°C by F. C. No.4

METHOD OF APPLICATION

- Two coats by brush or spray at pressure of 40 to 50 P.S.I. to achieve 18 to 20 micron DFT
- Submerge the bar in CEMSEAL BAR SOL for 15 seconds before taking it out and drying on the stand to achieve 18 to 20 micron DFT.



* In both the above application methods, dilute CEMSEAL BARSOL with Clean water by maximum 20%. That is, Add maximum 4 L of Clean water while using 20 L CEMSEAL BARSOL. Shake well before use after adding Clean water

MIXING

BARSOL should be thoroughly mixed prior to application

DIRECTION FOR USE

Remove dust, oil, grease, rust & other loose flakes etc. Apply water based BARSOL by adjusting the viscosity with water as recommended thinner for brushing or spraying. Allow BARSOL layer to hard dry. Stir well prior to use.

PRIMARY USES

- As a preventive coating to steel reinforcing bars in concrete
- As a touch-up primer for damaged galvanized metal
- As a primer for steel substrates prior to suitable top coating

ADVANTAGES

- Provides positive protection of steel components against corrosion
- Excellent adhesion to steel
- Easy to use
- Short overcoating time

TECHNICAL PROPERTIES

Appearance	: Parrot Green Solution
Gravity	: $1.20 \pm 0.01 \text{ KG/M}^3$
pH	: 8 ± 1
Solid Content	: $50 \pm 1\%$ (10 Grams, 120° C, 1 Hour)
Flow test	: 45 ± 5 Seconds (@20% Dilution, B4 Cup)

SURFACE PREPARATION

The Steel surface should be clean or grit blasted or wire brushed to remove all traces of corrosion. Ensure no oil, grease or dust is present. Surface should be dry. Apply immediately after completion of preparation to prevent any contamination. Do not leave blasted or prepared steel uncoated.

STORAGE

- Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air conditioned environment.
- Shelf life is 12 months when stored as above.
- Kindly pack the can airtight after usage to make sure that left over material doesn't get spoiled.
- Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For Specific storage advice consult Cemseal's technical services department.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

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