

# BARGUARD

## Anti-Corrosive Coating for Steel bar



### Description:

BARGUARD is an anti-corrosive coating for steel bar. BARGUARD has excellent adhesion and film properties on a variety of substrates in both general industrial and marine uses. It is a general purpose water based primer designed to be applied on metal surfaces. It is eco- friendly, fast drying and demonstrates excellent hardness, corrosion and rust protection properties as compared to conventional solvent based primers.

### Uses:

- Structural steel
- Grills
- Machinery and equipment
- Piping & etc.

### Advantages:

- Excellent adhesion
- Ecofriendly
- Fast drying
- Create durable bars
- Protection against corrosion

### Company Standard Compliance:



### Technical Information:

| Properties | Specification |
|------------|---------------|
| Color      | Pista green   |
| Finish     | Matt          |

|                            |                                      |
|----------------------------|--------------------------------------|
| Drying time @ 20°C         | 30 min                               |
| Specific Gravity @ 27°C    | 1.20 to 1.25                         |
| pH                         | 7 to 8                               |
| VOCs                       | 26 gm/lit                            |
| Usual no. of coats         | 1 to 2 as per requirement of surface |
| Surface Drying Time @ 27°C | 50-70 min                            |

### Application Procedure:

#### Surface Preparation:

- On aluminum and galvanized Steel Remove oil and grease with suitable degreasing to cleaner. Slightly roughen surface by light sanding or alternatively lightly blast with fine non-metallic abrasive. Surface must be clean, dry and free from all contaminants including salt deposits.
- Steel Degrease the surface according to Redwop solvent cleaning. Round off rough welds and sharp edges and remove weld spatter and flux. Blast to achieve a 25-50 micron anchor profile. If profile is greater, additional film thickness is required for equivalent protection. Remove abrasive residue and dust from surface.

**Application:**

- One full and unbroken coat of BARGUARD shall be applied by suitable brush making sure the surfaces of the steel are properly coated. A small brush is generally suitable for this purpose. It shall be allowed to dry fully before continuing. If in doubt of having achieved an unbroken coating, a second application should be made as soon as the first coat is fully dry (generally between 50 - 70 minutes and one hour)

**Cleaning:**

- Immediately after use, all tools shall be washed with clean water.

**Coverage:**

- Approx 6 - 7m<sup>2</sup> per litre - depending on porosity of surface

**Packaging:**

BARGUARD is supplied in 1L, 4L, 10L or 20L Packs.

**Storage & Shelf-life:**

Shelf life is 12 months in unopened packs stored at room temperature i.e.27°C the liquid component must not be allowed to freeze.




**Health & Safety:**




BARGUARD is non toxic. However it should never be ingested and if it comes into contact with eyes, it shall be washed immediately with plenty of water and medical advice shall be sought.

BARGUARD is slightly alkaline. Skin contact should be avoided. Gloves and protective clothing should be worn during handling/application of the product.

**Fire:**

BARGUARD is non flammable.

|   |   |
|---|---|
|  | It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.  |
|  | ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.  |
|  | ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency. |
|  | ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance  |

|   |   |
|---|---|
|  | This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors. |
|  | Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.   |
|  | ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.  |

Country: India

format: RCPL/QA/025-00

issue Date: 2024-12-01 04:18:58



**REDWOP CHEMICALS PVT. LTD.**

Head Office Regd. Office: 2nd Floor, Pearlplaza Complex, Nr. GT Sheth School, 150 ft. Ring Road, Rajkot Gujarat (IN) 360005 India

✉ info.redwop@gmail.com 🌐 http://redwop.net ☎ 9724655551 📞 0281 2576664