

TECHNICAL DATASHEET

ASCOPRIME RUSTCON

Rust Converting Primer And Passivator



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PRODUCT INTRODUCTION

ASCOPRIME RUSTCON is liquid applied coating that reacts and converts rust to a stable black protective coating which serves as an excellent primer and a rust neutralizer. It is recommended for use on rusted or partially rusted steel bars or on surface as a rust converter. The cured coating is impermeable, tough and durable, preventing further corrosion.

KEY FEATURES

1. Preserves and protects steel objects.
2. No chlorinated solvents.
3. Water based.
4. Fast acting.
5. No need for sand blasting.
6. Cured coating is an excellent anti-corrosion barrier.

USAGE

1. Corrosion protection of all ferrous materials.
2. Used on steel bars prior to encasing in concrete or micro concrete.

TECHNICAL PROPERTIES

Water Based Resin	Polyurethane
Density	0.98
Appearance / Color	Pale Yellow / Clear
Recoating Time	Minimum 2 - 4 Hours
Specific Gravity	1.1 Kg/ L ± 02 @ 25 °c
Water Solubility	Completely Soluble
pH Level	Approximately 3
Flammability	Non-flammable
Touch Dry Time	20 ± 5 minutes

APPLICATION METHODS:

1. Surface Preparation

The substrate should be clean, dry and free from dirt, oil, grease, coatings, etc. which may hinder an adhesion. Weak concrete should be removed and surface defects such as blowholes and voids must be fully exposed.

All dust, loose and friable material must be completely removed from the surface before application of the product, preferably by brush and/or vacuum.

2. Application

ASCOPRIME RUSTCON bonding primer, should be thoroughly mixed for 3 minutes, in order to achieve a homogenous mix using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment. It can be easily applied with brush or roller. Allow 2-4 hours between each coats.

3. Coverage

Approximately 25 to 30 ft² / Liter per coat. 30mm TMT bar (IS 456:2000) 100ft / coat. This coverage is based on application by roller/brush over a smooth surface. Factors like surface porosity, temperature and application method can alter consumption.

4. Health and Safety Guidelines

- i. If it comes in contact with your eyes, immediately wash your eyes with water & get medical advice.
- ii. Use of safety goggles, nose mask and hand gloves are recommended to protect eyes, skin and mouth while in use. (Material Safety Data Sheets are available through our company's representative or from our ASCOLITE's website)

5. Packaging

It is available in 1 Liter and 5 Liter Jerry can.

6. Shelf Life

12 months from the date of production if stored in original, unopened packaging & in places protected from moisture, sun exposure and frost.

DISCLAIMER:

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.ascolite.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.