

RUST CONVERTER TO IS : 13515

PRODUCT CODE
MCS-SC-505
PRODUCT DESCRIPTION

Morsun Rust Converter coating is a single pack composition in solution form, consisting of speciality chemicals. This solution reacts with uniformly rusted surface and finally gives a coating containing oxides/or phosphates or other metal complexes. It is applied on rusted mild steel products fabricated or assembled from cast, rolled, pressed or forged shapes, such as structural steel sections, plates and bars which are to be protected subsequently by organic/inorganic coatings

TECHNICAL DATA

Colour	Solution with Yellowish Grey colour
Volume Solids	15 ± 2 %
Flash Point	Inflammable
Mode of application	Brush / Spray (Preferably by brush – to have better reaction with rust)
Application Procedure	The rusted surface should be made free from loose rust by wire brushing. The surface, thus, should have a uniform rusting all over. Contamination of the surface with oil & grease should be avoided. Conversion will not take place in the case of partially rusted surface and on the surface with mill scale. Rust Converter solution should be applied uniformly on the cleaned rusted surface by brush or Conventional spray without sagging and allowed to react for minimum 20-30 minutes. Coating usually dries in 60 minutes and has grey, black, blue and violet colour. i.e. Coating when properly formed, has colour other than its original colour. Acid Leach Test – Sample of Rust converted steel plate/panel, if immersed in distilled water for one hour; pH of solution shall be 4.5 to 5
Drying Time	60 Minutes at normal temperature and Humidity
Overcoating by Paint	An organic coating (Paint) should be applied on the fully dry converted surface for complete protection of the structure from corrosion
Thinner	Rust Converter should not be diluted with any chemical or solvent
Shelf Life	12 months
Precautions	Avoid excessive application of Rust converter (It should not sag). Excess qty is detrimental for subsequent organic coating and mild steel also. Do not re-use used Rust converter. Only pour what is needed
Safety	Use Plastic hand gloves and safety goggles while handling this material. Normal PPE can be used

Disclaimer: The information provided herein is derived from the best available sources and is given in good faith. As conditions of use are beyond our control, the Company gives no warranty, expressed or implied, and assumes no liability in connection with any use of this information.