

**SRI LANKA STANDARD 918:2021**  
**UDC 667.638.2:661.872.92**

**SPECIFICATION FOR  
ANTICORROSIVE METAL PRIMER -  
SOLVENT BORNE  
(*First Revision*)**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
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**SLS 918:2021**

**Gr. 6**

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## **FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2021-02-24.

Anticorrosive priming paint, covered by this Specification is used as the first coat on iron and steel or non-ferrous surfaces to provide good protection against corrosion. This material could be used under oil based and/or synthetic resin based undercoats and/or finishing paints and is commercially known as "Red oxide primer".

This Specification was first published in 1983. In this first Revision, requirements for pigment, durability, bulk density and dry film thickness have been removed. Limits for heavy metals have been introduced considering the adverse impact on human health and safety. The limits for flow time and fineness have been changed.

This Specification is subject to the restrictions imposed under the Consumer Affairs authority Act No. 09 of 2003 and any other relevant Acts.

For the purpose of deciding whether a particular requirement of this Specification is complied with, the value, observed or calculated expressing the result of a test or an analysis, shall be rounded off in accordance with **SLS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this Specification.

In the preparation of this Specification, the assistance derived from the following publications is gratefully acknowledged:

AS /NZS 3750.20:2008    Paints for steel structures  
                                  Part 20: Anticorrosive metal primer- Solvent – borne- Lead and  
                                  Chromate free

IS 2074: 2015            Ready mixed paint, air drying, red oxide Zinc phosphate

## **1        SCOPE**

**1.1** This Specification prescribes the requirements, methods of sampling and test for anticorrosive priming paint for use under indoor and outdoor weather conditions for the protection of iron and steel against atmospheric corrosion.

**1.2** This Specification does not cover Zinc phosphate priming paint.