

DIN EN ISO 4628-3:2025-02 (E)

Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting (ISO 4628-3:2024)

Contents

Page

- European foreword 3
- Foreword..... 4
- Introduction 6
- 1 Scope 7
- 2 Normative references..... 7
- 3 Terms and definitions..... 7
- 4 Symbols and abbreviations..... 8
- 5 Assessment of red rust..... 8
 - 5.1 Method 1: Assessment of the degree of red rust by comparison with pictorial standards (Ri) 8
 - 5.2 Method 2: Assessment of the degree of red rust by estimating the corroded area in per cent (R%)..... 14
- 6 Assessment of white rust..... 14
 - 6.1 Method 1: Assessment of the degree of white rust by comparison with pictorial standards (WRi) 14
 - 6.2 Method 2: Assessment of the degree of white rust by estimating the corroded area in per cent (WR%)..... 19
- 7 Expression of results 20
- 8 Test report 20
- Annex A (normative) Calibration images..... 21
- Annex B (informative) Example for degree of rusting after performing the NSS salt spray test..... 26
- Annex C (informative) Correlation between the ISO rating system specified in this document and other systems 27
- Bibliography 28