ISO 1518-1:2023-02 (E)

Paints and varnishes - Determination of scratch resistance - Part 1: Constant-loading method

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 2

5 Apparatus 2

6 Sampling 3

7 Test panels 4
7.1 Substrate 4
7.2 Preparation and coating 4
7.3 Drying and conditioning 4
7.4 Thickness of coating 5

8 Procedure 5
8.1 Test conditions 5
8.2 General test procedure 5
8.3 Procedure for a single specified load ("pass/fail" test) 5
8.4 Procedure for determination of the minimum load to cause penetration 5
8.5 Evaluation of the scribe 6

9 Precision 6

10 Test report 6

Annex A (informative) Comparison of the designation of the scratch styli in the different editions of ISO 1518-1 8

Bibliography 9