

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	Terms and definitions	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