

ISO 23169:2020-01 (E)

Paints and varnishes - On-site test methods on quality assessment for interior wall coatings

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	2
5	On-site cleanability (stain removal) test	3
5.1	Principle	3
5.2	Apparatus	3
5.3	Reagents	4
5.4	Procedure	5
5.4.1	Division of test area	5
5.4.2	Determination of the initial tristimulus value of the untreated coating	6
5.4.3	Application of soiling agent	7
5.4.4	Cleaning of soilings	8
5.4.5	Determination of the tristimulus value after soil removal	8
5.4.6	Calculation of the cleanability	9
5.4.7	Evaluation with different soiling agents	9
5.4.8	Comprehensive evaluation of stain removal of wall coating films	10
6	On-site wet-scrub resistance test	10
6.1	Principle	10
6.2	Apparatus	10
6.3	Procedure	11
6.3.1	Division of test area	11
6.3.2	Wetting of the wall	11
6.3.3	Scrubbing	12
6.3.4	Determination of wet-scrub resistance properties	13
7	Precision	14
8	Test report	15
Annex A (informative)	Other types of stains used for evaluating stain removal performance of coatings	16
Annex B (informative)	Effects of different sponges on cleanability test results	18
Annex C (informative)	Repeatability of cleanability (stain removal) test	19
Bibliography		20