

ISO 15110:2017-07 (E)

Paints and varnishes - Artificial weathering including acidic deposition

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus	2
5.1	General	2
5.2	Laboratory radiation sources	2
5.3	Test chamber	2
5.4	Wetting system	2
5.5	Specimen holders	2
5.6	Black standard or black panel thermometer	3
5.7	Humidity sensor	3
5.8	Acid spray device	3
5.9	Radiometer	3
6	Solutions for artificial acidic deposition	3
7	Test specimens	3
7.1	General	3
7.2	Specimen size	3
7.3	Corrosion of the substrates	4
7.4	Reference specimens	4
8	Designation of test type	4
9	Procedure	4
9.1	General	4
9.2	Wetting and relative humidity	5
9.3	Acid spraying	5
9.4	Weathering cycles	5
9.5	Test duration	7
9.6	Further weathering of specimens	8
10	Assessment of results	8
11	Precision	8
11.1	General	8
11.2	Repeatability	8
12	Test report	9
Annex A (informative)	Background information	11
Bibliography		14