

DIN EN ISO 4624:2016-08 (E)

Paints and varnishes - Pull-off test for adhesion (ISO 4624:2016)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Principle	6
4	Apparatus	7
5	Adhesives	9
6	Sampling	9
7	Test panels	10
	7.1 Substrate	10
	7.2 Preparation and coating	10
	7.3 Drying and conditioning	10
	7.4 Thickness of coating	10
8	Procedure	10
	8.1 Number of determinations	10
	8.2 Ambient conditions	10
	8.3 Adhesive	10
	8.4 Test assemblies	10
	8.4.1 Method A: General method (using two dollies) for testing both rigid and deformable substrates	10
	8.4.2 Method B: Method for testing from one side only, using a single dolly (suitable for rigid substrates only)	11
	8.4.3 Method C: Method using dollies, one as a painted substrate	12
	8.5 Measurement	12
	8.5.1 Breaking strength	12
	8.5.2 Nature of the fracture	13
9	Calculation and expression of results	13
	9.1 Breaking strength	13
	9.2 Nature of failure	14
	9.3 Example	14
10	Precision	14
11	Test report	14
Bibliography		15