

DIN EN ISO 4624:2023-09 (E)

Paints and varnishes - Pull-off test for adhesion (ISO 4624:2023)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Principle	7
5	Apparatus	7
6	Adhesives	10
7	Sampling	11
8	Test panels	11
8.1	Substrate	11
8.2	Preparation and coating	11
8.3	Drying and conditioning	11
8.4	Thickness of coating	11
9	Procedure	11
9.1	Number of determinations	11
9.2	Ambient conditions	11
9.3	Adhesive	11
9.4	Test assemblies	12
9.4.1	Method A: General method (using two dollies) for testing both rigid and deformable substrates	12
9.4.2	Method B: Method for testing from one side only, using a single dolly (suitable for rigid substrates only)	12
9.4.3	Method C: Method using dollies, one as a painted substrate	13
9.5	Measurement	14
9.5.1	Breaking strength	14
9.5.2	Nature of the fracture	14
10	Calculation and expression of results	14
10.1	Breaking strength	14
10.2	Nature of failure	15
10.3	Example	15
11	Precision	15
12	Test report	15
Bibliography		17