

**INTERNATIONAL  
STANDARD**

**国际标准**

Fourth edition

第4版

2023-06

**Paints and varnishes — Pull-off test for adhesion**

**色漆和清漆—拉开法附着力试验**

**(中英文版)**

**2024年05月翻译**

---

---

---

Reference number

ISO 4624:2023(E)

## 目录

Foreword前言 .....	3
Introduction 介绍.....	5
1 .Scope范围 .....	6
2. Normative references规范性引用文件 .....	6
3 .Terms and definitions 术语及定义.....	7
4 Principle原理.....	7
5 Apparatus仪器.....	8
6 Adhesives胶黏剂.....	11
7 Sampling取样.....	12
8 Test panels试板.....	12
8.1 Substrate底材.....	12
8.2 Preparation and coating制备和涂装.....	12
8.3 Drying and conditioning 干燥和状态调节.....	12
8.4 Thickness of coating涂层厚度.....	13
9 Procedure操作步骤.....	13
9.1 Number of determinations测定次数.....	13
9.2 Ambient conditions环境条件.....	13
9.3 Adhesive胶黏剂.....	13
9.4 Test assemblies试验组件.....	13
9.4.1 Method A: General method (using two dollies) for testing both rigid and deformable substrates 9.4.1方法A：在坚硬的和易变形的底材上通用 的试验方法（使用两个试柱）.....	13
9.4.2 Method B: Method for testing from one side only, using a single dolly (suitable for rigid substrates only) 9.4.2方法B：使用单个试柱从单侧进行试验的方法（仅适合坚硬底材）.....	15
9.4.3 Method C: Method using dollies, one as a painted substrate 9.4.3方法C：试柱法，其中一个试柱作为已涂漆底材.....	15
9.5 Measurement测量.....	16
9.5.1 Breaking strength破坏强度.....	16
9.5.2 Nature of the fracture破坏性质.....	17
10 Calculation and expression of results计算与结果表示.....	18
10.1 Breaking strength破坏强度.....	18
10.2 Nature of failure破坏性质.....	18
10.3 Example示例.....	18
11 Precision精密度.....	19
12 Test report试验报告.....	19
Bibliography参考文献 .....	21

## Foreword

### 前言

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

ISO (国际标准化组织)是一个由国家标准机构(ISO成员机构)组成的世界性联合会。编制国际标准的工作通常通过ISO技术委员会进行。对已成立技术委员会的主题感兴趣的每个成员机构都有权在该委员会中派代表。与国际标准化组织联络的政府和非政府国际组织也参加了这项工作。

ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

**ISO与国际电工委员会(IEC)在电工技术标准化的所有事项上密切合作。**

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

**ISO/IEC指令第1部分描述了用于编制本文件的程序以及用于进一步维护的程序。特别是，应注意不同类型ISO文件所需的不同批准标准。本文件是根据ISO/IEC指令第2部分的编辑规则起草的(见[www.iso.org/directives](http://www.iso.org/directives))。**

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

**ISO提请注意本文件的实施可能涉及使用(a)专利的可能性。ISO对任何相关专利权的证据、有效性或适用性不持任何立场。截至本文件发布之日，ISO尚未收到实施本文件可能需要的(a)专利通知。然而，实施者要注意，这可能不代表最新信息，这些信息可以从[www.iso.org/patents](http://www.iso.org/patents)上的专利数据库中获得。ISO不承担识别任何或所有此类专利权的责任。**

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

**本文件中使用的任何商品名称都是为了方便用户而提供的信息，不构成完全认可。**

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).  
**关于标准的自愿性的解释、与合格评定相关的ISO特定术语和表达的含义，以及关于ISO遵守世界贸易组织技术性贸易壁垒原则的信息，请访问[www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html)。**

This document was prepared by Technical Committee ISO/TC 35, Paints and varnishes, Subcommittee SC 9,

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/395020243301011220>