ISO 5684:2025-08 (E)

Adhesives - Floor covering adhesives and products for flooring installation - Assessment and classification of low volatile organic compound (VOC) products

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 2

5 Emission scenario and reference room 2
5.1 Emission scenario 2
5.2 Reference room and loading factor 2

6 Test chamber conditions 2

7 Product sampling and transport to the laboratory 3

8 Handling of product samples in the laboratory 3
8.1 General 3
8.2 Preparation of test specimen 3
8.3 Preparation of water-based primers 3
8.4 Preparation of non-water-based primers 3
8.5 Preparation of flooring adhesives 4
8.6 Preparation of levelling compounds 4
8.7 Preparation of (dry) film adhesives (tapes) and underlays for flooring 4

9 Determination of vapour-phase organic compounds in test chamber air 4
9.1 General 4
9.2 Determination of VOCs and SVOCs in test chamber air 5
9.3 Determination of formaldehyde and acetaldehyde in test chamber air 5
9.4 Determination of carcinogenic substances of category 1 in test chamber air 5

10 Expression of results 5

11 Reporting of test results 6

Bibliography 7