DIN EN 16105:2023-04 (E)

Paints and varnishes - Laboratory method for determination of release of regulated dangerous substances from coatings in intermittent contact with water

Contents

Page

European Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Reagents 7

5 Apparatus 7
5.1 General 7
5.2 Equipment 7

6 Test procedure 8
6.1 General considerations 8
6.2 Sample preparation 9
6.2.1 Substrate 9
6.2.2 Sampling 9
6.2.3 Number and size of test specimens 9
6.2.4 Preparation of the test specimens 9
6.2.5 Conditioning 9
6.3 Immersion method 9
6.3.1 Test procedure 9
6.3.2 Analysis 10

7 Results 10
7.1 Results in concentrations 10
7.2 Results in terms of specific emissions 10

8 Test report 11

Annex A (informative) Forms for recording 13

Annex B (informative) Examples of data -- Leaching of biocides 15

B.1 General 15
B.2 Sample preparation 15
B.3 Test procedure 15
B.4 Analytical methods 15
B.5 Test results 15
B.6 Assessment of the uncertainty 16

Bibliography 17