DIN EN 16663:2026-04 (E)

Biological durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Wooden commodities exposed in Use Class 3 (Not covered, not in contact with the ground) - Semi-field method

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Description of the test method 5
4.1 Principle 5
4.2 Quality criteria 5
4.3 Wood preservative 5
4.4 Apparatus 6
4.5 Test specimens 7
4.5.1 General 7
4.5.2 Species of wood 7
4.5.3 Quality of wood and wood moisture content 7
4.5.4 Preparation of test specimens 8
4.5.5 Number of test specimens 8
4.5.6 End seal 8
4.6 Procedure 8
4.6.1 Product under test 8
4.6.2 Treatment and handling of test specimens 8
4.6.3 Untreated controls (optional) 9
4.6.4 Exposure test site 9
4.6.5 Duration of the test 9
4.6.6 Collection of the leachates 9
4.6.7 Chemical analysis 10
4.7 Expression of results 10

5 Test report 10

Annex A (informative) Test set-up and weather rack 12

Annex B (informative) Model treatments 15

Annex C (informative) Orientation of annual growth rings and accepted heartwood 16

Annex D (informative) Stability study 17

Bibliography 18