DIN EN 15119-1:2025-09 (E)

Biological durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) - Laboratory method

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Test method 5
4.1 General considerations 5
4.2 Principle 6
4.3 Quality criteria 6
4.3.1 Accuracy 6
4.3.2 Reproducibility 7
4.4 Product and reagent 7
4.4.1 Water 7
4.4.2 Preservative 7
4.5 Apparatus 7
4.5.1 Immersion container 7
4.5.2 Assembly for test specimens 7
4.5.3 Vessel for receiving water 8
4.5.4 Preservative treatment 8
4.5.5 Balance 8
4.5.6 Safety equipment and protection clothing 8
4.5.7 Refrigerator/freezer 8
4.5.8 Chemical analysis equipment 8
4.6 Test specimens 8
4.6.1 Species of wood 8
4.6.2 Quality of wood 8
4.6.3 Size of test specimens 8
4.6.4 Number of test specimens 9
4.6.5 End seal 9
4.7 Procedure 9
4.7.1 General 9
4.7.2 Conditioning of the test specimens after treatment 9
4.7.3 Preparation and selection of test specimens 9
4.7.4 Immersion method 9
4.8 Expressions of results 11
4.8.1 Chemical analysis 11
4.8.2 Chemical analysis: bulked samples 12
4.8.3 Recording 12
4.9 Evaluation of water samples other than by chemical analysis, e.g. ecotoxicity test 12

5 Test report 12

Annex A (informative) Recording forms 14

Bibliography 17