DIN EN 370:2024-04 (E)

Wood preservatives - Determination of eradicant efficacy in preventing emergence of Anobium punctatum (De Geer)

Contents

Page

European foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Principle 6

5 Test materials and apparatus 7
5.1 Biological material 7
5.1.1 Anobium punctatum (De Geer) larvae 7
5.1.2 Provision of larvae 7
5.1.3 Choice of larvae 7
5.2 Products and reagents 7
5.3 Apparatus 8

6 Sampling 8

7 Test specimens 8
7.1 Species of wood 8
7.2 Quality of wood 8
7.3 Provision of test specimens 9
7.4 Dimension of test specimens 9
7.5 Number of test specimens 9

8 Procedure 9
8.1 Preparation of the test specimens 9
8.1.1 Sealing of the transverse faces 9
8.1.2 Treatment of test specimens 10
8.2 Exposure of the test specimens to the insects 11
8.2.1 Preparation of sub-specimens 11
8.2.2 Insertion of larvae 11
8.2.3 Conditioning of infested sub-specimens to induce emergence 11
8.3 Examination of sub-specimens 12

9 Validity of the test 12

10 Expression of results 12

11 Test report 12

Annex A (informative) Example of a test report 16

Annex B (informative) Culturing technique for Anobium punctatum 18

B.1 Culture wood 18
B.1.1 Wood species 18

B.1.2 Collection of culture wood 18
B.1.3 Cutting of culture wood 18
B.1.4 Drying of culture wood 18
B.2 Source of beetles 18
B.2.1 Collection of beetles 18
B.2.2 Quarantine of beetles 18
B.3 Infestation of culture wood 18
B.3.1 Culture vessels 18
B.3.2 Preparation of wood 19
B.3.3 Introduction of beetles 19
B.4 Culturing conditions 19
B.4.1 Normal environment 19
B.4.2 Natural pupation induction 19
B.4.3 Artificial pupation induction 19
B.5 Collection of beetles 19
B.6 General culture hygiene 19

Bibliography 21