

DIN EN 46-2:2010-03 (E)

Wood preservatives - Determination of the preventive action against recently hatched larvae of *Hylotrupes bajulus* (Linnaeus) - Part 2: Ovicidal effect (laboratory method)

Contents	Page
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	7
5 Test materials	7
5.1 Biological material	7
5.2 Products and reagents	7
5.3 Apparatus	7
6 Sampling	8
7 Test specimens	8
7.1 Species of wood	8
7.2 Wood quality	8
7.3 Provision of test specimens	9
7.4 Dimensions of test specimens	9
7.5 Number of test specimens	9
7.5.1 Test specimens for egg-laying	9
7.5.2 Test specimens for checking the tunnelling ability and the mortality of the larvae	9
8 Procedure	10
8.1 Preparation of the test specimens	10
8.1.1 Conditioning of the test specimens prior to sealing	10
8.1.2 Sealing of block faces	10
8.1.3 Treatment of the test specimens	10
8.1.4 Drying and conditioning of the test specimens after treatment	12
8.2 Exposure of the test specimens to the insects (ovicidal action)	12
8.3 Validity of the test	13
9 Expression of results	13
9.1 Ovicidal test	13
9.2 Tunnelling control	13
9.3 Total mortality	13
10 Test report	14
Annex A (informative) Example of a test report	16
Annex B (informative) Technique for culturing <i>Hylotrupes bajulus</i> (Linnaeus)	19
B.1 General	19
B.2 Obtaining parent beetles	19
B.3 Mating	19

B.4	Egg-laying	19
B.5	Hatching of eggs	20
B.6	Larval development	20
B.7	Enemies and parasites	21
Annex C (informative) Differentiation of heartwood and sapwood in Pinus species		22
C.1	Principle	22
C.2	Reagents	22
C.3	Apparatus	22
C.4	Procedure	22
Annex D (informative) Environmental, health and safety precautions within chemical/biological laboratory		23
Bibliography		24