

DIN EN 117:2024-04 (E)

Wood preservatives - Determination of toxic values against Reticulitermes species (European termites) (Laboratory method)

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	5
5	Test materials	6
5.1	Biological material	6
5.2	Products and reagents	6
5.3	Apparatus	6
6	Sampling	7
7	Test specimens	8
7.1	Species of wood	8
7.2	Wood quality	8
7.3	Provision of test specimens	8
7.4	Dimensions of test specimens	8
7.5	Number and distribution of test specimens	8
8	Procedure	9
8.1	Preparation of test specimens	9
8.1.1	Conditioning of test specimens prior to treatment	9
8.1.2	Treatment of test specimens	9
8.1.3	Drying and conditioning of the test specimens after treatment	10
8.2	Exposure of the test specimens to the insects	10
8.2.1	Collecting and selecting the termites	10
8.2.2	Installation of the termites	11
8.2.3	Exposure	11
8.3	Conditions and duration of test	12
8.3.1	Exposure	12
8.3.2	Maintaining of moisture content	13
8.4	Examination of the test specimens and colonies - Assessments	13
8.4.1	General	13
8.4.2	Visual examination	14
8.4.3	Validity of the tests	14
9	Expression of results	15
10	Test report	15
Annex A (informative) Example of a test report		17
Annex B (informative) Example of a method of culturing termites		19

Annex C (informative) Environmental, health and safety precautions within chemical/biological laboratory	20
Bibliography	21