

DIN EN 12037:2023-02 (E)

Wood preservatives - Field test method for determining the relative protective effectiveness of a wood preservative exposed out of ground contact - Horizontal lap-joint method

Contents		Page
	European foreword	4
	Introduction	5
1	Scope	6
2	Normative references	6
3	Terms, definitions and symbols	6
3.1	Terms and definitions	6
3.2	Symbols	7
4	Principle	8
5	Materials	8
5.1	Test specimens	8
5.2	End-seal compounds	10
6	Apparatus and equipment	10
7	Sample of wood preservative	12
8	Test lap-joints	12
8.1	Initial end sealing	12
8.2	Treating process	12
8.3	Retention of preservative	12
8.4	Post-treatment handling of the test lap-joints	13
8.4.1	Conditioning	13
8.4.2	Final end sealing (prior to exposure)	13
8.4.3	Labelling	13
8.4.4	Assembling lap-joints	13
9	Untreated control lap-joints	13
10	Exposure test site	13
10.1	Selection of test site	13
10.2	Installation of the lap-joints at the test site	13
11	Inspection	14
12	Assessment	14
13	Duration of the test	15
14	Validity of test	15
15	Test report	15

Annex A (informative) Information on an additional test with a reference preservative and on treatment processes	17
A.1 Additional test with a reference preservative	17
A.1.1 General	17
A.1.2 Reference preservative	17
A.1.3 Additional reference preservative 1	17
A.1.4 Additional reference preservative 2	17
A.1.5 Tolerances of variation	18
A.1.6 Reference lap-joint	18
A.2 Model treatments methods	19
A.2.1 General	19
A.2.2 Brushing	19
A.2.3 Spraying in a spray tunnel	19
A.2.4 Dip process	19
A.2.5 Steeping	19
A.2.6 Double vacuum process	20
A.2.7 Full-cell process	20
Annex B (informative) Example of a test report	21
Annex C (informative) Determination of the preventive efficacy of a test preservative or components of a test preservative against staining fungi using horizontal lap-joint method	27
C.1 General	27
C.2 Assessment	27
Annex D (informative) Test field site	28
Bibliography	29