

DIN EN 152:2012-02 (E)

Wood preservatives - Determination of the protective effectiveness of a preservative treatment against blue stain in wood in service - Laboratory method

Contents		Page
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Principle	7
5	Test materials	8
5.1	Biological material	8
5.2	Products and reagents	8
5.3	Apparatus	10
5.4	Other material	11
6	Sampling	11
7	Test specimens	11
7.1	Species of wood	11
7.2	Wood quality	12
7.3	Preparation of sticks and blocks	12
7.4	Preparation of test specimens	13
7.5	Number of test specimens	13
8	Procedure	14
8.1	Treatment of the wood test specimens	14
8.2	Pre-conditioning of the test specimens prior to fungal test	17
8.3	Fungal test	17
8.4	Test conditions and duration of test	18
8.5	Assessment of the test specimens	18
9	Validity of results	19
10	Reporting the results	20
11	Test report	20
Annex A (normative)	Detailed information on coating products	22
A.1	General	22
A.2	Alkyd coating material for organic solvent based preparations (5.2.2.2)	22
A.3	Acrylic coating material for water based preparations (5.2.2.3)	24
Annex B (normative)	Preparation of a spore suspension of the test fungi	27
Annex C (informative)	Information regarding sterilisation procedures	28
C.1	Ionising irradiation	28

C.2	Steam	28
	Annex D (informative) Figures on equipment and diagrams	29
	Annex E (informative) Instructions on the test procedure	34
	Annex F (normative) Artificial weathering cycle	36
F.1	Introduction	36
F.2	Apparatus - minimum requirements	36
F.3	Weathering cycles	37
F.4	Criteria to select weathering cycles	42
F.5	Conditioning	42
	Annex G (informative) Example of a test report	43
	Annex H (informative) Environmental, health and safety precautions within chemical/biological laboratory	44
	Bibliography	45