

DIN EN 12404:2020-10 (E)

Durability of wood and wood-based products - Assessment of the effectiveness of masonry fungicide to prevent growth into wood of Dry Rot *Serpula lacrymans* (Schumacher ex Fries) S.F. Gray - Laboratory method

Contents

	Page
European 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 Test fungus	7
5.1.1 Obligatory test fungus	7
5.1.2 Optional test fungi	7
5.1.3 Maintenance of strains	7
5.2 Products and reagents	7
5.3 Apparatus	8
6 Sample of the preservative	10
7 Mortar test specimen	10
7.1 Preparation of mortar	10
7.2 Preparation of mortar specimen	10
7.3 Curing of mortar test specimen	12
7.4 Leaching of mortar test specimen	12
7.5 Number and distribution of mortar test specimens	12
8 Wood test specimens	12
8.1 Species of wood	12
8.2 Quality of wood	12
8.3 Provision of wood test specimens	13
8.4 Dimensions of wood test specimens	13
9 Procedure	13
9.1 Culturing the test fungus	13
9.2 Treatment of mortar test specimens	13
9.3 Preparation of wood test specimens	13
9.4 Sterilization procedures	13
9.5 Exposure to fungus	13
9.6 Examination of the mortar test specimens	14
9.7 Validity of test	15
10 Statement of the results	15
11 Test report	15
Annex A(informative) Test fungi	16

A.1	General information on maintenance and acquisition of test strains	16
A.2	Maintenance and treatment of test fungi	16
A.3	Information regarding obligatory test fungus	17
A.4	Information regarding optional test fungus	17
Annex B(informative) Methods of sterilization		18
B.1	Ionizing irradiation	18
B.2	Steam	18
Annex C(informative) Example of a test report		19