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Deutsche
Akkreditierungsstelle
D-PL-11054-01-00



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Classification Report Order No. 2725063

Client: Amtico International
Kingfield Road
Coventry CV6 5AA, United Kingdom

Order: Classification to the reaction of fire of floor coverings
according to EN 13501-1:2018-12

Contractor: Entwicklungs- und Prüflabor Holztechnologie GmbH
Laboratory Unit Surface Testing
Zellescher Weg 24
01217 Dresden, Germany

Notified Body no.: 0766

Engineer in charge: Dipl.-Ing. (BA) Robert Piatkowiak

Dipl.-Ing. A. Möschner
Head of Laboratory Unit Surface Testing

The classification report contains 4 pages. Any duplication of extracts requires written permission of EPH. The test results refer exclusively to the material tested.

NOTE: All numerical values within this document are given with a comma as decimal.

1 Introduction

This classification report defines the reaction to fire classification assigned to the following building product in accordance with the procedures given in EN 13501-1:2018-12:

Amtico Signature Acoustic; 3,5 mm

2 Information about the tested product

The building product mentioned in article 1 is characterized as follows and is covered by the following European Technical Specification*:

Resilient floor covering according to EN 14041:2004-08+AC:2005-05+AC:2006-10

* for CE marking

Product classification: nonhomogeneous building product

Field of application: floor covering for interior use

Nominal thickness: 3,5 mm

Mass per unit area: 3,42 kg/m²

Further details: cf. test report 2725063, article 2

3 Basis for the classification

3.1 Test reports

Notified Body	Client	Test report no.	Test procedure
Entwicklungs- und Prüflabor Holztechnologie GmbH (no. 0766)	Amtico International; Coventry, United Kingdom	2725063	EN ISO 11925:2020-03
			EN ISO 9239-1:2010-06

3.2 Test results

Single-flame source test according to EN ISO 11925-2:2020-03			
Kind of exposure	Requirement	N	Test result
15 s surface impingement	$F_s \leq 150 \text{ mm}$	6	Requirement fulfilled
Burning behaviour using a radiant heat source according to EN ISO 9239-1:2010-06			
Parameter	Requirement class B _{fl-s1}	N	Test result (average)
Critical heat flux [kW/m²]	≥ 8,0	3	8,65
Smoke production [% x min]	≤ 750		310,8
N...number of tests / F _s ...maximum flame height			

4 Classification and field of application

4.1 Classification

The building product described in article 2

Amtico Signature Acoustic; 3,5 mm

is classified in terms of its burning behaviour in accordance with EN 13501-1:2018-12, clause 12 as follows:

Burning behaviour		Smoke production		Reaction to fire classification:	B_{fl}-s1
B _{fl}	-	s	1		

Corresponding symbol according to FCSS (floorsymbols.com):



B...reached fire class
 FL...result for flooring
 s...smoke production
 L...loose laid
 CS...combustible substrate

4.2 Field of application

The reaction to fire classification specified in this classification report is only valid for the floor covering, described in article 2, for direct end use application as floor covering for interior use on wooden sub-floors or subfloors made of class A1 or A2-s1, d0 material according to EN 13238:2010-02, using adhesive or not.

5 Further restriction clauses

- The classification only applies to the reaction to fire behaviour of the in article 2 specified flooring product under the testing conditions during the tests. It is not allowed to be the only one criterion for the evaluation of the potential fire hazard of the building product in use case.
- The classification is not valid, if in difference to the specifications in article 2 the floor covering is furnished with other or additional surface coatings, substratum for insulation/moisture barrier etc., sub-constructions or further modifications of the product or end use parameters according to CEN/TS 15117:2005-08.
- The classification report has been carried out on the basis of reaction to fire tests according to EN 13501-1:2018-12 but does not represent a type approval, certification or another general technical approval of the product according to national building regulations, respectively.
- Statements on conformity assessment/classification were made on the basis of the measurement results obtained. Measurement uncertainties were not included in the assessment (ILAC G8 03/2009 "Guidelines on the Reporting of Compliance with Specification" Section 2.7).

- e) Conditioning and testing in accordance with EN 13238, EN ISO 11925-2, EN ISO 9239-1 and EN 13501-1 was carried out using the most recent versions of these standards and not the dated versions as listed in EN 14041:2004-08+AC:2005-05+AC:2006-10. However, there is no significant difference between these and the dated versions listed and as such are considered as being equivalent.



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Engineer in charge