

TFI Report 22-000944-02

Classification

of the Reaction to Fire according to EN 13501-1:2018

Customer Amtico International
Kingfield Road
CV6 5AA Coventry
GREAT BRITAIN

Prepared by TFI Aachen GmbH
Charlottenburger Allee 41
52068 Aachen

Notified Body No 1658

Product resilient floor covering
Amtico Spacia

This report includes 4 pages and 0 annex(es).



Responsible at TFI

Dipl.-Ing. Ulrike Balg
- senior engineer fire testing -
Tel: +49 241 9679 133
u.balg@tfi-aachen.de

Aachen, 03 November 2022



Dr. Bayram Aslan

The present document is provided with an advanced electronic signature.

This report only applies to the tested samples and has been established to the best of our knowledge. Only the entire report shall be reproduced. Under no circumstances, extracts shall be used. Furthermore, we apply the "General Terms and Conditions for the Execution of Contracts" of the TFI Aachen GmbH, also with regard to the order execution.

TFI Aachen GmbH is a notified testing body (NB1658) under the EU Construction Products Regulation 305/2011 for the technical specifications EN 13813:2002, EN 14041:2004/AC:2006, EN 14342:2013, EN 14904:2006 and EN 15102:2007+A1:2011 and horizontally notified for fire tests according to EN ISO 9239-1 and EN ISO 11925-2.

1 Introduction

This classification report defines the classification assigned to the construction product “Amtico Spacia” in accordance with the procedures given in EN 13501-1:2018

2 Details of classified product

2.1 General

The construction product “Amtico Spacia” is defined as a type of product resilient floor covering according EN 14041:2004/AC2006.

2.2 Product description

The construction product “Amtico Spacia” is described below or is described in the reports provided in support of classification listed in 3.1.

3 Reports and results in support of this classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Report ref.no.	Test method and date Filed of application rules and date
TFI Aachen GmbH	Amtico International	22-000944-01 dated 03 November 2022	EN ISO 9239-1:2010
			EN ISO 11925-2:2020 (15 s ignition time)

3.2 Results

	Test method and test number	Parameter	No. Tests	Results	
				Continuous parameter mean (m)	Compliance with parameters
Product	EN ISO 9239-1:2010	Average critical heat flux [kW/m ²]	3	9.1	Compliant
		Integrated smoke value [% x min.]		637	Compliant
	EN ISO 11925-2:2020	Flame tip < 150 mm	6	-	Compliant

4 Classification and field of application

4.1 Reference of classification

The classification has been carried out in accordance with EN 13501-1:2018.

4.2 Classification

The construction product "Amtico Spacia" in relation to its reaction to fire behaviour is classified:

B_{fl}

The additional classification in relation to the smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

-

The format of the reaction to fire classification for floorings is:

Fire behaviour		Smoke production	
B_{fl}	-	s	1

Classification of the reaction to fire: B_{fl} - s1

The measurement results are evaluated without consideration of the measurement uncertainty with reference to compliance with limit values, unless otherwise specified by the test standard.

4.3 Field of application

This classification is valid for the following end use application:

Type of end use application	flooring
Substrate	wooden substrates with a gross density of $\geq 510 \text{ kg/m}^3$
Underlay for installation	no
Type of fixation	glued and unglued
Joint according to EN ISO 9239-1:2010	no

Limitations

This classification document does not represent type approval or certification of the product

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence, the manufacturer has concluded that system 3 attestation is appropriate

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.