



warringtonfiregent
global safety

Reaction to fire classification report Nr 14177B

Owner of the classification report

Renolit Belgium NV
Industriepark de Bruwaan 9
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Belgium

Introduction

This classification report defines the classification assigned to the product "**AlkorTec F 1,5mm**" in accordance with the procedures given in the standard EN 13501-1: 2007: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

This classification report consists of 3 pages



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1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product **AlkorTec F 1,5mm** is defined as PVC waterproofing membrane, under the productfamilie "plastic and rubber sheets for roof waterproofing"

b) Description

Material	EVA/EBA roof waterproofing membrane with PES scrim reinforcement (90g/m ²)
Trade name	AlkorTec F 1,5mm
Manufacturer / Supplier	Renolit Belgium NV
Thickness (mm)	1,5
Surface weight (g/m ²)	1890
Flame retardants	yes
Fixing method	Mechanical

More details are available in the test report in support of this classification (§2a).

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THE CLASSIFICATION

a) Test reports

Name of the laboratory	Name of the sponsor	Test report ref. Nr.	Test method
WFRGENT N.V. Ghent, Belgium	Renolit Belgium NV	14177A	EN ISO 11925-2 (February 2002)

b) Test results

Test method	Parameter	Number of tests	Results		Criteria for Class E	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
EN ISO 11925-2 (*) 15s flame application: <u>Surface exposure</u> - front side	F _s ≤ 150mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No

(-) Not applicable (*) The material did not melt nor pull away from the pilot burner.

3. CLASSIFICATION OF THE PRODUCT AND DIRECT FIELD OF APPLICATION

a) Reference and direct field of application

This classification has been carried out in accordance with EN 13501-1: 2007 and the EN 13956:2005.

b) Classification

The product « AlkorTec F 1,5mm » in relation to its reaction to fire behavior is classified as:

Fire behavior
E

c) Field of application

This classification for the product as described in §1b, is valid for the following end use conditions :

- Product as such

This classification is also valid for the following product parameters:


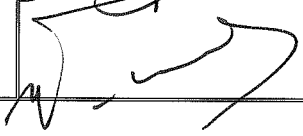
- Nominal thickness : 1,5 mm
- Nominal mass per unit area: 1890 g/m²

4. RESTRICTIONS

At the time the standard EN 13501-1 (2007) was published, no decision was made concerning the duration of validity of a classification report.

5. WARNING

This classification report does not represent type approval nor certification of the product. The classification assigned to the product in this report is appropriate to a declaration of conformity by the certification body within the context of a system 1 attestation of conformity and CE marking under the Construction Products Directive, as the sampling was performed by a notified body.

Report	Name	Signature (*)	Date
Prepared by	Ing. Frans DUTRIEUE		12 1 DEC. 2009
Reviewed by	Prof. Dr. Ir. Paul VANDEVELDE		2 1 DEC. 2009
(*) For and on behalf of "WFRGENT N.V."			

EN 13501-1 E WG 3E*

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