



warringtonfiregent  
global safety

## ***Reaction to fire classification report Nr 14132B***

### **Owner of the classification report**

Renolit Belgium NV  
industriepark de Bruwaan 9  
B-9700 Oudenaarde  
Belgium

### **Introduction**

This classification report defines the classification assigned to the product **“AlkorTec F 1,2mm”** 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 1,2mm** 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 <sup>2</sup> )
Trade name	AlkorTec F 1,2mm
Manufacturer / Supplier	Renolit Belgium NV
Thickness (mm)	1,2
Surface weight (g/m <sup>2</sup> )	1450
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	14132A	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 <sub>s</sub> ≤ 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 1,2mm » in relation to its reaction to fire behavior is classified as:

<b>Fire behavior</b>
<b>E</b>

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 : 1,2 mm
- Nominal mass per unit area: 1450 g/m<sup>2</sup>

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		12 1 DEC. 2009

(\*) For and on behalf of "WFRGENT N.V."

EN 13501-1 E WG 3E\*

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