



ERA LABORATUVARLARI A.Ş.

ERA Fire Test Laboratory



Accredited Body
Nr: AB-0330-T

Notified Body
Nr: 2184

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

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Product name : LINEFLEX EPDM MEMBRANE

**Classification
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This classification report consists of 5 pages and may only be used or reproduced in its entirety.

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1. INTRODUCTION

This classification report defines the classification assigned to “*LINEFLEX EPDM MEMBRANE*” in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General:

The product *LINEFLEX EPDM MEMBRANE* is defined as a “type of classified product”. Its classification is valid for the following end use application:

TS EN 13956: Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Definitions and characteristics

TS EN 13967: Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

2.2. Description:

The product *LINEFLEX EPDM MEMBRAN* is fully described in the test reports in support of the classification listed in clause 3.

Tested product types:

Product Name	Density (g/cm ³)	Thickness (mm)	Mass per unit area(kg/m ²)	Color	Main constituent
Lineflex EPDM Membrane	1,26	2,5	3,15	Black	Elastomer and polymer additives EPDM membrane

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

3.1. Reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
ERA LABORATUVARLARI A.Ş.	AK-İZO YALITIM SİST. SAN. VE TİC. A.Ş.	FTST14489	TS EN ISO 11925-2

3.2. Results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
TS EN ISO 11925-2	$F_s \leq 150$ mm ignition of filter paper	6	(-)	yes
		6	(-)	no
(-): Not applicable				

Test method	Parameter	Parameter	Compliance parameters
TS EN ISO 11925-2	$F_s \leq 150$ mm Ignition of filter paper	yes	yes (E)
		no	no (E)

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of classification

This classification has been carried out in accordance with the clause 11.3 of EN 13501-1:2007+A1:2009

4.2. Classification

The product, *LINEFLEX EPDM MEMBRANE*, in relation to its reaction to fire behaviour is classified:

E

The additional classification in relation to smoke production is:

not classified

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

not classified

The format of the reaction to fire classification for *LINEFLEX EPDM MEMBRANE* is:

Fire behaviour		Smoke production			Flaming droplets	
E	-	s	not classified	,	d	not classified

Reaction to fire classification: E

4.3. Field of application

This classification is valid for the following product parameters:

Product Name	Density (g/cm ³)	Thickness(mm)	Mass per unit area(kg/m ²)	Color	Main constituent
Lineflex EPDM Membrane	≤ 1,26	≤2,5	≤3,15	Unlimited	Elastomer and polymer additives EPDM membrane

5. LIMITATIONS

5.1. Restrictions

This classification report is valid provided that the technical specifications of product are within the limits in accordance with the field of application clause 4.3.

5.2. Warning

This test report was issued instead of test report numbered ERA-14-092 dated 17 October 2014 and has withdrawn the previous test report numbered ERA-14-092 by date of publication.

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 attestation of conformity and CE marking under the 305/2011/EU Construction Products Regulation.

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.

Signed:

Ali BAYRAKTAR
Person in charge of test



Approved:

Onur DAĞ
Laboratory Manager