



ERA LABORATUVARLARI A.Ş.

ERA Fire Test Laboratory



Accredited Body
No: AB-0330-T

Notified Body
No: 2184

**CLASSIFICATION OF REACTION TO FIRE IN
ACCORDANCE WITH TS EN 13501-1:2007+A1:2010**

Sponsor : MULTIPLAN YALITIM SİSTEMLERİ SAN. TİC. A.Ş.
GOSB İhsan Dede Cad. No:111/B GEBZE-
KOCAELİ / TURKEY

Prepared by : ERA LABORATUVARLARI A.Ş.
TOSB TAYSAD Organize San Böl. 1. Cd . 15 .yol
No:1 Şekerpınar-Çayırova-KOCAELİ/TURKEY

Product name : PVC MEMBRANE

**Classification
report No.** : ERA - 12 - 020

Issue Number : 1/2

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

Adress: TOSB TAYSAD Organize San Böl. 1. Cd . 15 .yol No:1 Şekerpınar-Çayırova-
KOCAELİ/TÜRKİYE

Tel: 0262 658 1662

Faks:0262 6581669

E-posta:info@erayonetim.com

Web: www.erayonetim.com

1. INTRODUCTION

This classification report defines the classification assigned to "PVC MEMBRANE" in accordance with the procedures given in TS EN 13501-1:2007+A1:2010.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General:

The products *PVC MEMBRANE* is defined as a „type of classified product“. Their classification is valid for the following end use application:

Thermal insulating product according 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 *PVC MEMBRANE* is fully described in the test reports in support of the classification listed in clause 3

Tested product types:

| Product type | Density (kg/m ³) | Thicnkess (mm) | Colour |
|------------------|------------------------------|----------------|------------|
| Multipan FG | 1,33 | 1,2 | Grey |
| Multipan BA | 1,33 | 1,2 | Anthracite |
| Multipan BA/T | 1,33 | 2,0 | Yellow |
| Multipan Mavi Su | 1,25 | 1,5 | Blue |

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. | MULTİPLAN YALITIM SİSTEMLERİ SAN. TİC. A.Ş.. | FTST12094 | TS EN ISO 11925-2 |
| | | FTST12075 | |
| | | FTST12076 | |
| | | FTST12077 | |

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 | 24 | (-) | yes |
| | | 24 | (-) | no |
| (-): Not applicable | | | | |

| Test method | Parameter | Parameter | Compliance parameters |
|-------------------|--------------------------|-----------|-----------------------|
| TS EN ISO 11925-2 | $F_s \leq 150$ mm | yes | yes (E) |
| | Ignition of filter paper | 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 TS EN 13501-1:2007+A1:2010

4.2. Classification

The products *PVC MEMBRANE*, in relation to their reaction to fire behaviour are 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 *TTC PVC 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:

For *PVC MEMBRANE* :

| Product type | Density (kg/m ³) | Thicnkess (mm) | Colour |
|------------------|------------------------------|----------------|------------|
| Multipan FG | 1,33 | 1,2 | Grey |
| Multipan BA | 1,33 | 1,2 | Anthracite |
| Multipan BA/T | 1,33 | 2,0 | Yellow |
| Multipan Mavi Su | 1,25 | 1,5 | Blue |

LIMITATIONS

4.4. Restrictions

This classification report is valid until 25th of May 2017, provided that the technical specifications of the product will not be changed.

4.5. Warning

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 Construction Products Directive.

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

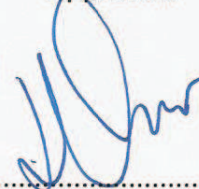
Signed:



Hüsnü OĞUZ
Person in charge of test



Approved:



Onur DAĞ
Laboratory Manager