EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.

Fire Test Laboratory

Accredited Body
Nr: AB-0556-T

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

Sponsor	: AGT AĞAÇ SAN. VE TİC. A.Ş. Organize Sanayi Bölgesi 3. Kısım 35 Cad. No:7 Döşemealtı, Antalya / TURKEY
Prepared by	: EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş. Dilovası OSB Mah. Fırat Cad. No: 18 Dilovası, Kocaeli / TURKEY
Product name	: PVC FOIL COATED AGT WALL PANEL
Classification report No.	: ERA - 22 - 041
Issue Number	: 1/2
Date of issue	: 04.02.2022

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 "*PVC FOIL COATED AGT WALL PANEL"* in accordance with the procedures given in EN 13501-1:2018.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General:

PVC FOIL COATED AGT WALL PANEL is defined as a "type of classified product".

2.2. Description:

PVC FOIL COATED AGT WALL PANEL is fully described in the test reports in support of the classification listed in clause 3.

Manufactured Plant: AGT AĞAÇ SAN. VE TİC. A.Ş.
Organize Sanayi Bölgesi 3. Kısım 35 Cad. No:7 Döşemealtı, Antalya / TURKEY

Tested product types:

Product Name	Thickness (mm)	Density (kg/m^3)	The measured distance between grooves (cm)	The measured groove depth (mm)	Coating				
					PVC Foil	Adhesive			
					Thickness (mm)	Kalınlık (mm)	Consumption (g/m^2)	Brand	Type
PVC FOIL COATED AGT WALL PANEL	18	690	1,2	0,75	0,20	0,08	35	Kleiberit	Polyurethane based

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

3.1. Reports

Name of laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date
EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.	AGT AĞAÇ SAN. VE TİC. A.Ş.	FTST22186	EN ISO 11925 – 2:2020

3.2. Results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean	Compliance parameters
EN ISO 11925-2 Flame exposition: 15 s	*F*s ≤ 150 mm ignition of filter paper	6 6	Yes No	Yes No
(-): Not applicable				

Test method	Parameter	Classification results	Compliance parameters
EN ISO 11925-2	Fs ≤ 150 mm ignition of filter paper	Yes No	Yes **(E)** No **(E)**
(-): Not applicable			

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of classification

This classification has been carried out in accordance with the clauses 11.3 of EN 13501-1:2018

4.2. Classification

PVC FOIL COATED AGT WALL PANEL, 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 *PVC FOIL COATED AGT WALL PANEL* 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	Thickness (mm)	Density (kg/m^3)	The measured distance between grooves (cm)	The measured groove depth (mm)	Coating				
					PVC Foil	Adhesive			
					Thickness (mm)	Kalınlık (mm)	Consumption (g/m^2)	Brand	Type
PVC FOIL COATED AGT WALL PANEL	18	690	1,2	0,75	0,20	0,08	35	Kleiberit	Polyurethane based

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

Signed:

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e-signed

Tuğçe AKOĞLAN

Person in the charge of tests

Efectis

Approved:

.....

e-signed

Ali BAYRAKTAR

Laboratory Manager

efectis era avrasya

EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.

Fire Test Laboratory

TÜRKAK Test TS EN ISO/IEC 17025 AB-0556-T

Accredited Body
No: AB-0556-T

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

Sponsor	: AGT AĞAÇ SANAYİ ve TİCARET A.Ş. Organize Sanayi Bölgesi 3. Kısım 35. Cad. No:7 Döşemealtı, ANTALYA/TURKEY
Prepared by	: EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş. TOSB TAYSAD Organize San. Böl. 1. CD. 15. Yol No: 1 Şekerpınar - Çayırova KOCAELİ, TURKEY
Product name	: MDF-16 MM , MDF-18 MM
Classification report No.	: ERA - 17 - 005
Issue Number	: 1/2
Date of issue	: 05.01.2017

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 *"MDF-16 MM , MDF-18 MM"* in accordance with the procedures given in EN 13501-1:2007+A1:2009

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General:

MDF-16 MM , MDF-18 MM is defined as a "type of classified product".

2.2. Description:

MDF-16 MM , MDF-18 MM is fully described in the test reports in support of the classification listed in clause 3.

Tested product types:

Manufactured Plant: AGT AĞAÇ SANAYİ ve TİCARET A.Ş.
Organize Sanayi Bölgesi 3. Kısım 35. Cad. No:7, Döşemealtı, ANTALYA/TURKEY

Product name	Thickness [mm]	Density [kg/m^3]	Content
MDF-16 MM	16	698	MDF
MDF-18 MM	18	750	MDF

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

3.1. Reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
EFECTİS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.	AGT AĞAÇ SANAYİ ve TİCARET A.Ş.	FTST17014	EN 13823:2010+A1:2014
		FTST17015	EN ISO 11925-2:2010
		FTST17016	EN ISO 11925-2:2010
		FTST17017	EN 13823:2010+A1:2014
		FTST17018	EN ISO 11925-2:2010
		FTST17019	EN ISO 11925-2:2010

3.2. Results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
TS EN ISO 11925-2[a] Flame exposition: 30 s	$Fs \leq 150$ mm[1]	12	(-)	Yes
	ignition of filter paper[1]	12	(-)	No
	$Fs \leq 150$ mm[2]	12	(-)	Yes
	ignition of filter paper[2]	12	(-)	No
TS EN 13823[a]	$FIGRA_{0,2\ MJ}$ (W/s)	3	609,5	(-)
	LFS > edge	3	(-)	No
	$THR_{600\ s}$ (MJ)	3	28,4	(-)
	SMOGRA (m^2/s^2)	3	3,1	(-)
	$TSP_{600\ s}$ (m^2)	3	40,3	(-)
	Flaming droplets/particles	3	(-)	No
TS EN ISO 11925-2[b] Flame exposition: 30 s	$Fs \leq 150$ mm[1]	12	(-)	Yes
	ignition of filter paper[1]	12	(-)	No
	$Fs \leq 150$ mm[2]	12	(-)	Yes
	ignition of filter paper[2]	12	(-)	No
TS EN 13823[b]	$FIGRA_{0,2\ MJ}$ (W/s)	3	579,3	(-)
	LFS > edge	3	(-)	No
	$THR_{600\ s}$ (MJ)	3	32,1	(-)
	SMOGRA (m^2/s^2)	3	1,8	(-)
	$TSP_{600\ s}$ (m^2)	3	14,3	(-)
	Flaming droplets/particles	3	(-)	No

(-): Not applicable
(1): Surface flame attack
(2): Edge flame attack
(a): MDF-16 MM
(b): MDF-18 MM

Test method	Parameter	Parameter	Compliance parameters
TS EN ISO 11925-2[a]	$Fs \leq 150$ mm	Yes	Yes (B – D)
	ignition of filter paper	No	No (d0)
TS EN 13823[a]	$FIGRA_{0,2MJ}$ [W/s]	609,5	≤ 750 (D)
	THR_{600s} [MJ]	28,4	> 15 (D)
	LFS < edge	yes	Yes (D)
	SMOGRA [m^2/s^2]	3,1	< 30 (s1)
	TSP_{600s} [m^2]	40,3	< 50 (s1)
	flaming droplets/particles	no	No (d0)
TS EN ISO 11925-2[b]	$Fs \leq 150$ mm	Yes	Yes (B – D)
	ignition of filter paper	No	No (d0)
TS EN 13823[b]	$FIGRA_{0,2MJ}$ [W/s]	579,3	≤ 750 (D)
	THR_{600s} [MJ]	32,1	> 15 (D)
	LFS < edge	yes	Yes (D)
	SMOGRA [m^2/s^2]	1,8	< 30 (s1)
	TSP_{600s} [m^2]	14,3	< 50 (s1)
	flaming droplets/particles	no	No (d0)

(-): Not applicable
(a): MDF-16 MM
(b): MDF-18 MM

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of classification

This classification has been carried out in accordance with the clauses 11.4, 11.9.3 and 11.10.1 of EN 13501-1:2007+A1:2009.

4.2. Classification

MDF-16 MM , MDF-18 MM, in relation to its reaction to fire behaviour is classified:

D

The additional classification in relation to smoke production is:

s1

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

d0

The format of the reaction to fire classification for *MDF-16 MM , MDF-18 MM is*:

Fire behaviour		Smoke production			Flaming droplets	
D	-	s	1	,	d	0

Reaction to fire classification: D-s1,d0

4.3. Field of application

This classification is valid for the following product parameters:

Product name	Thickness [mm]	Density [kg/m^3]	Content
MDF-16 MM	16	698	MDF
MDF-18 MM	18	750	MDF

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

Signed:

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Şahin SAKAT
Person in the charge of tests

TEST VE BELGELENDİRME A.Ş. efectis era sivas

Approved:

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Ali BAYAKTAR
Laboratory Manager