Reaction to fire classification report

1. Introduction

This classification report defines the classification assigned to *MDF board* produced by *Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa* in accordance with the procedures given in PN-EN 13501-1:2019-02

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Łukasiewicz Research Network –Institute of Ceramics and Building Materials is a Notified Body no. 1487 in the field of reaction to fire

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1:2019-02

Sponsor	*Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*
Prepared by	*Łukasiewicz Research Network* *Institute of Ceramics and Building Materials* *Centre of Glass and Building Materials* *ul. Cementowa 8, 31 – 983 Kraków* *Building Chemistry Research Group*
Notified Body No.	*1487*
Product name	*MDF board*
Classification report No.	*KG – 64/23/N*
Issue number	*1*
Date of issue	*08.05.2023*
This classification report consists of *three pages* and may only be used or reproduced in its entirety	

2. Details of classified product

2.1 General

The product, *MDF board* produced by *Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*.

Lider Grupy Badawczej
Chemia Budowlana
mgr inż. Klaudiusz Borkowicz

Classification Report No.	KG – 64/23/N

2.2 Product description

The product, *MDF board*, is described below or is described in the test reports provided in support of classification listed in 3.1

Product description
MDF board

3. Test reports and test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports No.	Test method
Building Chemistry Research Group, Łukasiewicz Research Network – Institute of Ceramics and Building Materials	*Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*	*119/23/KG/N*	*PN-EN ISO 11925-2:2020-09*

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2:2020-09 119/23/KG/N of 08.05.2023	*Fs ≤ 150 mm during 20 s*	*12*	*Not Applicable*	*Yes*

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1:2019-02

4.2 Classification

The product, *MDF board*, in relation to its reaction to fire behaviour is classified:

E

The additional classification in relation to smoke production is:

-

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

-

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is

Fire behaviour		Smoke production			Flaming droplets	
E	-		-	,	-	-

Reaction to fire classification: E

Lider Grupy Badaw...
Chemia Budowla...
mgr inż. Klaudiusz Borkow...

Classification Report No.	KG – 64/23/N

4.3 Field of application

This classification is valid for the MDF board produced by Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa.

This classification is valid for the following end use application in conformity with the technical conditions the building and its location should meet. In conformity with the regulation of the Minister of Infrastructure as of 12th April 2002 on technical requirements that should be met for buildings and their localization as amended, the classification assigned to the MDF board produced by Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa, defines the product as ***easily ignitable, self extinguishing, intensely smoking****.*

5. Limitations

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

This report shall cease to be valid in the event of changes to the product or in the manufacturing process and if the factory production control system changes substantially.

Prepared by

Starszy Specjalista
Grupa Badawcza Chemia Budowlana

mgr inż. Krzysztof Nosal

signature of person undertaking classification

Approved by

Lider Grupy Badawczej
Chemia Budowlana

mgr inż. Klaudiusz Borkowic-

signature of person authorising this report

Reaction to fire classification report

1. Introduction

This classification report defines the classification assigned to *Felt* produced by *Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa* in accordance with the procedures given in PN-EN 13501-1:2019-02

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CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1:2019-02

Sponsor	*Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*
Prepared by	*Łukasiewicz Research Network* *Institute of Ceramics and Building Materials* *Centre of Glass and Building Materials* *ul. Cementowa 8, 31 – 983 Kraków* *Building Chemistry Research Group*
Notified Body No.	*1487*
Product name	*Felt*
Classification report No.	*KG – 65/23/N*
Issue number	*1*
Date of issue	*08.05.2023*
This classification report consists of *three pages* and may only be used or reproduced in its entirety	

2. Details of classified product

2.1 General

The product, *Felt* produced by *Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*.

Lider Grupy Badawczej
Chemia Budowlana
mgr inż. Klaudiusz Borkowicz

Classification Report No.	KG – 65/23/N

2.2 Product description

The product, *Felt*, is described below or is described in the test reports provided in support of classification listed in 3.1

Product description
Felt

3. Test reports and test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports No.	Test method
Building Chemistry Research Group, Łukasiewicz Research Network – Institute of Ceramics and Building Materials	*Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa*	*120/23/KG/N*	*PN-EN ISO 11925-2:2020-09*

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2:2020-09 120/23/KG/N of 08.05.2023	*Fs > 150 mm during 20 s*	*12*	*Not Applicable*	*Yes*

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1:2019-02

4.2 Classification

The product, *Felt*, in relation to its reaction to fire behaviour is classified:

F

The additional classification in relation to smoke production is:

-

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

-

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is

Fire behaviour		Smoke production			Flaming droplets	
F	-		-	,	-	-

Reaction to fire classification: F

Lider Grupy Badawczej
Chemia Budowlana
mgr inż. Klaudiusz Borkowic

Classification Report No.	*KG – 65/23/N*

4.3 Field of application

This classification is valid for the Felt produced by Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa.

This classification is valid for the following end use application in conformity with the technical conditions the building and its location should meet. In conformity with the regulation of the Minister of Infrastructure as of 12th April 2002 on technical requirements that should be met for buildings and their localization as amended, the classification assigned to the Felt produced by Stegu Sp. z o.o., ul. Dworcowa 8, 46-024 Jełowa, defines the product as ***easily ignitable, intensely smoking****.*

5. Limitations

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

This report shall cease to be valid in the event of changes to the product or in the manufacturing process and if the factory production control system changes substantially.

Prepared by

Starszy Specjalista
Grupa Badawcza Chemia Budowlana

K. Nosal

mgr inż. Krzysztof Nosal

signature of person undertaking classification

Approved by

Lider Grupy Badawczej
Chemia Budowlana

mgr inż. Klaudiusz Borkowicz

signature of person authorising this report