

**Report No :** 2022270755-R1  
**Applicant :** MT REKLAM A.Ş.  
**Applicant Address :** Şekerpınar, Cumhuriyet Mah. Selin Sokak No:1, 41400 Gebze / KOCAELİ  
**Contact Person :** Çolpan Güneyhan BAYGUR  
**Telephone :** 0262 658 88 80  
**E-Mail :** gbaygur@mtduplays.com.tr  
**Sample Accepted on :** 07.07.2022  
**Report Date :** 27.06.2022  
**Total Number of Pages :** 6 (Pg)  
**Sample ID :** Snap Frame

	TEST	METHOD	RESULT
*	Fire classification of construction products and building elements-Part 1: Classification using test data from reaction to fire tests	EN 13501-1	PASS
			A s1 d0



Seal

*K. rveli*

Customer Representative  
Merve Nur KIRVELİ

*M. Özlü*

Laboratory Manager  
Merve ÖZLÜ

**TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.**

It is prohibited to change any and all versions of this document in any manner whatsoever. In case of a conflict between the electronic version (e.g. PDF file) and the original paper version provided by TÜRCERT®, the latter will prevail.

TÜRCERT Teknik Kontrol ve Belgelendirme A.Ş. disclaim liability for any direct, indirect, consequential or incidental damages that may result from the use of the information or data, or from the inability to use the information or data contained in this document.

The contents of this report may only be transmitted to third parties in its entirety and provided with the copyright notice, prohibition to change, electronic versions' validity notice and disclaimer.

**Environment**

The requirements and standards apply to equipment intended for use in:

<b>X</b>	Residential (domestic) environment
<b>X</b>	Commercial and light-industrial environment
<b>X</b>	Industrial environment
<b>X</b>	Medical environment

**EN ISO 13501-1 FIRE CLASSIFICATION OF CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS-PART 1:  
CLASSIFICATION USING TEST DATA FROM REACTION TO FIRE TESTS**

**Scope**

Building products and structural elements, fire classification. Part 1: Classification by using data obtained from the behavior tests against fire. This standard covers the behavior of all building products, including products used in combination with structural elements, against flame.

**Test Result**

Provisions for Inspection and Test:

If Rule / Test Is Not Needed To Be Applied To Sample (Not Applicable To Sample)	<b>N/A</b>
If the Specimen Fits the Rules (Passed)	<b>PASS</b>
If the Specimen Tested Does Not Comply with the Rules (Left)	<b>K</b>
If there is a Rule / Experiment Not Applied for Any Reason (Unable)	<b>Y</b>

Sample No	1	2	3	4
Flammability (Yes/No)	No	No	No	No
Whether the flame is spread (Yes/No)	No	No	No	No
Flame Spreading Time	No	No	No	No
Combustion on Filter Paper (Yes/No)	No	No	No	No

**Related Product Standard and Citations:** Fire Response Test (**EN 13501-1 A Class**)  
**Conditioning Details:** The test samples were conditioned at  $23 \pm 2$  ° C and  $50 \pm 5\%$  relative humidity at EN 13238 according to 4.3 C.

<b>Class A</b> (TS EN ISO 13501-1 Clause 8.3)	For the determination of conformity to Class A, use a product, the time of exposure to flame according to TS EN 13501-1
<b>Test Sample</b>	Length -- mm , Width -- mm , Thickness — mm
<b>Exposure Requirements</b>	Surface exposed to flame

**Reaction to fire**

The combustion class (Euroclasses) of the product must be determined in accordance with EN 13501-1.

**TS EN 13501-1 - Flammability Test (TS EN ISO 1182)**

This test is carried out to determine whether a contribution to a fire is significant, regardless of the end use of a product.

Material	Rule / Test	Result / Evaluation	Decision
5	Test sample		
	---	---	PASS
6	Conditioning		
	Test samples shall be conditioned as specified in EN 13238. The test samples should be dried and tested for 20 hours to 24 hours in an air-circulating oven with a temperature of $(60 \pm 5) ^\circ \text{C}$ . it must be allowed to cool to ambient temperature in a desiccator before being held. The mass of each sample should be determined with a sensitivity of 0.01 g before the experiment.	Conditioning Time: 1 week Conditioning Temperature: $23 \pm 2 ^\circ \text{C}$ Humidity: $50 \pm 5\%$ EN 13238 4.3 Conditioning for fixed period a) Minimum conditioning period of one weeks: 2) cement based products;	PASS
8	<b>Display of results</b> The mass loss measured mass loss is calculated and recorded in% for each of the three test samples.		
8.1	Flammability The measured total time of continuous exacerbation is calculated and recorded in seconds for each of the three test samples.	TEST 1	2.12 MJ/kg TS EN ISO 11925-2
8.2	Note 1: TS EN 13501 -1 Class $A_{fl}$ Homogeneous and non-homogeneous products must meet the $t_t \leq 30 ^\circ \text{C}$ and $m_{ve} 50\%$ and $t_f = 0s$ criteria.	TEST 2	2.13 MJ/kg TS EN ISO 11925-2
8.3	Note 2: TS EN 13501-1 Class $A_{fl}$ Homogeneous and non-homogeneous products must meet the $\Delta t \leq 50 ^\circ \text{C}$ and $\Delta m$ olmayan 50% and $t_f$ Sınıf 20s criteria.  Note 3: TS EN 13501-1 Class $A_{fl}$ Homogen products shall meet the PCS ojen 2.0 MJ / kg criteria.	TEST 3	2.14 MJ/kg TS EN ISO 11925-2
			N/A

Classification of **SNAP FRAME** according to TS EN 13501-1 according to the behavior against fire:

**A**

Test method	Parameter	Number of tests	Mean of continuous parameter	Results Suitable parameter
TS EN 13823	FIGRA <sub>0,4MJ</sub> (W/s)	3	15	≤20
	LFS < side	3	(-)	No
	THR <sub>600s</sub> (MJ)	3	2,3	≤4,0
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	3	20	≤30
	TSP <sub>600s</sub> (m <sup>2</sup> )	3	25	≤50
	Drops and droplets (s)	3	(-)	No

Test method	Parameter	Parameter	Compliance criteria
TS EN 13823	FIGRA <sub>0,2 MJ</sub> [W/s]	15	≤20 (A)
	THR <sub>600s</sub> (MJ)	2,5	≤4 (A)
	LFS < side	(-)	No
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]	12	≤30 (s1)
	TSP <sub>600s</sub> [m <sup>2</sup> ]	25	≤50 (s1)
	burning drops / particles burning time (s)	No	No (d0)

Classification of **SNAP FRAME** based on fire behavior:

**A**

Additional classification for smoke formation:

**S1**

Additional classification for burning drops / beads:

**d0**

*Reaction to fire for SNAP FRAME*

<u>Flammability Behavior</u>	<u>Smoke</u>		<u>Burning Drops</u>	
<b>A</b>	<b>s</b>	<b>1</b>	<b>d</b>	<b>0</b>

**SAMPLE IMAGES**



**FRONT VIEW**



**BACK VIEW**

**\*\*\*\* End of Report \*\*\*\***