No. Report: **3789.1** Date: 17.07.2023
Client: **EXTRUPLAST S.R.L.**
Product: **PVC window EXTRUPLAST series Arkitek 70**

TEST REPORT
Product: PVC window EXTRUPLAST series Arkitek 70
No. Report: **3789.1**

1. Introduction:

This report refers to the performance regarding reaction to fire, the performance of windows and doors as described in the product standard **EN 14351-1:2006+A2:2016 – Windows and doors. Product standard, performance characteristics. Part I. Exterior windows and doors for pedestrians.**
This report is prepared in accordance with the procedures of **EN ISO 11925-2:2020 Fire reaction tests. Flammability of products that come into direct contact with the flame. Part 2. Experiment with the single flame source.**
Deviations from the test method: not applicable

Client:	**EXTRUPLAST S.R.L. Str. Petre Dulfu nr.124, Tohat, Ulmeni, Maramures, Romania**
Laboratory test:	**AXA CERT S.R.L.,** Moara Vlasiei, str Agromec nr 3, Jud. Ilfov, Hala C4/5, zona B, Tel/Fax: 0746 268015
Developed by:	**AXA CERT SRL,** Tâncabesti- Snagov -ILFOV Tel/Fax: 0746 268015
Product name:	Main profiles (frame, pillar, sash) **EXTRUPLAST series Arkitek 70**
Sampling procedure:	The sampling was carried out by the manufacturer, being made available to the laboratory by the manufacturer on the basis of the sample submission register
No. /date of entering the laboratory:	**04.07.2023**

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2. Product details

2.1 General

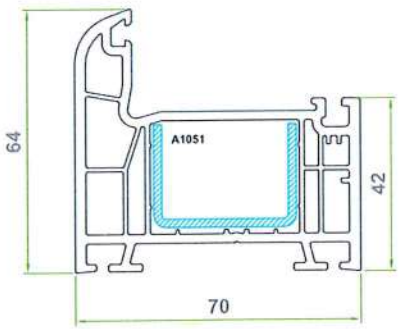
The data was processed in accordance with the sample sheet attached to this test report. The system description is the reference document for this assessment. According to the rules, the system components fall under the full responsibility of the manufacturer.

2.2 Product description

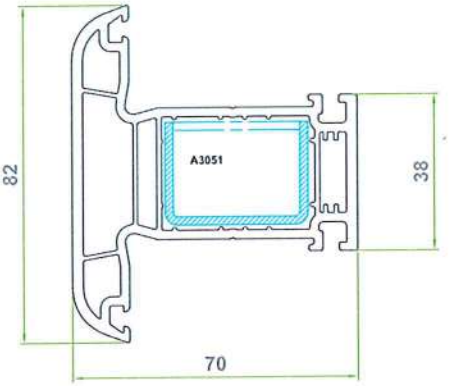
2.2.1 Name: Main profiles (frame, pillar, sash) in PVC, white color, **EXTRUPLAST Arkitek 70 series**, described below and in the test reports listed in 3.1

1	**Client:**	**Name:**	**EXTRUPLAST S.R.L.**		
		Address:	**Tohat, Ulmeni**	**Str. Petre Dulfu nr.124**	**Maramureș**
			Romania	**Email:**	
2	**Sample type**	**6 Profiles: 250 mm +/- 2 mm x 90 mm+/_ 2mm x 8mm.**			
3	**Profiles**	**EXTRUPLAST series Arkitek 70,**			
4	**Code**	**frame F10**	**Sash F20**	**fixed pillar F30**	

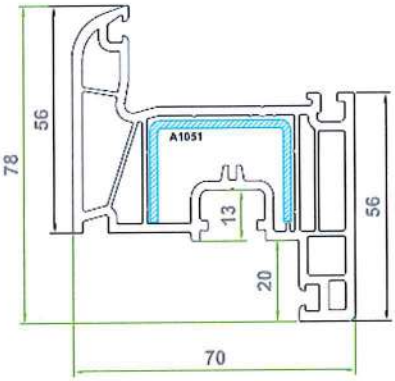
F10 Frame profile



F30 Vertical post profile



F20 Sash profile



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2.3 Dimensions and number of samples:
Six samples having dimensions of 250 mm +/- 2 mm x 90 mm+/_ 2mm x 8mm.
2.4 Sample data:

- Support and fixing method used: no support
- Joints: no joints
- No gap
- Density -
- Orientation: vertical, in front of an open space
-

Conditioning: The samples were conditioned 48 hours before the test, temperature (23 ± 2)°C and (50 ± 5)% relative air humidity, according to point 6 of **EN ISO 11925-2:2020.**
Start date: 12.07.2023
Completion date: 12.07.2023

2.5 Coding samples

Sample no.	**Sample code**
Sample 1	A X-TRU.23.1
Sample 2	A X-TRU.23.2
Sample 3	A X-TRU.23.3
Sample 4	A X-TRU.23.4
Sample 5	A X-TRU.23.5
Sample 6	A X-TRU.23.6

3 Test:

3.1 Test date: 12.07.2023
3.2 Laboratory conditions: Relative air humidity: 48%, Ambient temperature: 23^0C
3.3 Exposure: Surface exposure

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3.4 Results obtained (flame duration 30 seconds), According to **EN ISO 11925-2:2020:**

RESULTS	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Parameters
Ignition production	NO	NO	NO	NO	NO	NO	NO
The time interval in which the top of the flame reaches 150mm	-	-	-	-	-	-	(-)
Flame propagation Fs≤ 150mm	YES	YES	YES	YES	YES	YES	YES
Ignition of the filter paper due to burning droplets	NO	NO	NO	NO	NO	NO	NO
Observations on the physical behavior of the sample	-	-	-	-	-	-	-

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Statement: The test results refer to the behavior of the product samples, under the specific conditions of the test; they cannot be considered as the only criterion for evaluating the potential fire hazard of the product in use.

The test report strictly refers to the sample tested according to the description in point. 2.2

4. Limitations:

This test document does not represent an endorsement or certification of the product.

Therefore, the laboratory did not participate in the sampling of the product for the test, maintaining, however, appropriate references, provided by the manufacturer, for the traceability of the tested samples

Final note The test procedures are developed in accordance with the requirements of **EN ISO/IEC 17025:2017.**

Final results are not valid without Appendix 1 Sample Sheet.

The validity of this report is not temporally conditioned, the condition being that the product does not undergo changes.

Laboratory Head,
Eng. Andi PREDA

Technical Director,
Dragos GHEORGHE

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