



DECLARATION OF PERFORMANCE

Reference № VV_2016-02-22

1. Unique identification code of the product: **Al profiles for window and door production- opening system with thermal break TBO 70**

2. Type, serial number or other element enabling the construction product to be identified in accordance with Article 11 (4):

VV_2016_VAS_TBO70

3. Intended use or uses of the construction product in accordance with the applicable harmonized specification as foreseen by the manufacturer:

Aluminium profiles for window and door production

4. Name, registered trade name or registered trademark and manufacturer's contact address as required by Article 11 (5):

**VIVA ALUMINIUM SYSTEMS
(AL profiles system TBO 70)**

VIAS LTD, 9700 Shumen, 68 A Rishki prohod boulevard

5. Not applicable.

6. System or systems for assessment and verification of constancy of implementation of the construction product according to Annex ZA of BDS EN 14351-1: 2006 + A1: 2010 / NA: 2015:

System 3

7. In the case of a declaration of performance concerning a construction product covered by a harmonized standard:

Initial Type Test Protocol No. ITT-16.16 / 15.05.2016 issued by NISI Ltd. Sofia, Notified Testing Laboratory, NB 2032 Identification Number from the European Commission Register and MRDPW Permit No. CPD 10-NB 2032 and Certified Quality Management System Certificate B 1401042 of 20.07.2018 - Accredited certification body - LETRINA S.A., MS Certification number ESYD, No. of Certificate 12-5.

The product is subject to factory production control according to EN 14351-1.

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8. Not applicable.

9. Declared performance:

Essential characteristics	Exploitation indicators	Harmonized technical specification
Water tightness	Class 3A	BDS EN 1027:2003 BDS EN 12208:2003
Wind resistance	Class C2	BDS EN 12211:2003 BDS EN 12210:2003
Load- bearing capacity devices	Class 4	BDS EN 14609:2005 BDS EN 13115:2004
Airborne noise isolation	$R_w (C; C_{tr}) = 40 (-1; -4) \text{ dB}$	BDS EN ISO 10140-2:2010 BDS EN ISO 717-1:2013
Thermal transmittance	$U_w = 0.83 \text{ W}/(\text{m}^2.\text{K})$ $U_f = 1.51 \text{ W}/(\text{m}^2.\text{K})$	BDS EN 12567-1
Air permeability	Class 4	BDS EN 1026:2003 и BDS EN 12207:2003

Where, in accordance with Articles 37 or 38, specific technical documentation has been used, the requirements of which correspond to the product:

Not applicable.

10. The performance data of the products referred to in points 1 and 2 corresponds to the declared performance in point 9.

This declaration of performance is issued entirely under the responsibility of the manufacturer referred to in point 4.

Signed for and on behalf of the manufacturer by:



Shumen, 21.07.2018
(place and date of issue)

Vesko Vasilev:
(General manager)