Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8000 Burgas
54 Macedonia Str.

CERTIFICATE

of constancy of performance

1922 - CPR - 1547

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fire detection and fire alarm systems. Smoke detectors - Point detectors using scattered light, transmitted light or ionization.
Multitek AD-100 intelligent addressable optical smoke detector with base KMT-01

(For list of controlled characteristics, see Annex I to 1922 - CPR - 1547 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Multitek Elektronik Sanayi ve Ticaret A.Ş.
Meclis Mah. Ataturk Cad. No:47 34785 Sancaktepe/ Istanbul/ Türkiye

and produced in the manufacturing plant of

BT-001

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 54-7:2018

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 12.04.2021 and will remain valid until 10.02.2026 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal-bg.net.

CE

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

EA BAS reg. № 12 ОСП PRODUCT CERTIFICATION BODY
EA BAS is an EA MLA signatory

Embossed stamp of "Dedal - A&C" Ltd.

Dedal Attestation & Certification

Manager: dipl. eng. Anna Vasileva

Issued:
Burgas, 07 February 2025

Ref. No. 05-00

Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8000 Burgas
54 Macedonia Str.

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1547/ 07.02.2025

Performance list, acc. to EN 54-7:2018

Essential Characteristics	Performance	Clause
Operational reliability		
- *Individual alarm indication*	Pass	4.2.1
- *Connection of ancillary devices*	Pass	4.2.2
- *Monitoring of detachable detectors*	Pass	4.2.3
- *Manufacturer's adjustments*	Pass	4.2.4
- *On site adjustment of response behaviour*	Pass	4.2.5
- *Protection against the ingress of foreign bodies*	Pass	4.2.6
- *Responce to slowly developing fires*	Pass	4.2.7
- *Software controlled detector (when provided)*	Pass	4.2.8
Nominal activation conditions / Sensitivity		
- *Repeatability*	Pass	4.3.1
- *Directional dependence*	Pass	4.3.2
- *Reproducibility*	Pass	4.3.3
Responce delay (responce time)		
- *Air movement*	Pass	4.4.1
- *Dazzling*	Pass	4.4.2
Tolerance to supply voltage		
- *Variation in supply parameters*	Pass	4.5
Performance parameters under fire conditions:		
- *Fire sensitivity*	Pass	4.6
Durability of Nominal activation condition/ Sensitivity		
Temperature resistance		
- *Cold (operational)*	Pass	4.7.1.1
- *Dry heat (operational)*	Pass	4.7.1.2
Humidity resistance		
- *Damp heat, steady - state (operational)*	Pass	4.7.2.1
- *Damp heat, steady - state (endurance)*	Pass	4.7.2.2
Corrosion resistance		
- *Sulphur dioxide (SO2) corrosion (endurance)*	Pass	4.7.3
Vibration Resistance		
- *Shock (operational)*	Pass	4.7.4.1
- *Impact (operational)*	Pass	4.7.4.2
- *Vibration, sinusoidal (operational)*	Pass	4.7.4.3
- *Vibration, sinusoidal (endurance)*	Pass	4.7.4.4
Electrical stability		
- *EMC, immunity (operational)*	Pass	4.7.5

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

EA BAS reg. № 12 ОСП PRODUCT CERTIFICATION BODY
EA BAS is an EA MLA signatory

Embossed stamp of "Dedal - A&C" Ltd.

Dedal Attestation & Certification

Manager: Дамилева
dipl. eng. Anna Vasileva

Issued:
Burgas, 07 February 2025
Ref. No. 05-00