

CERTIFICATE

of constancy of performance

1922 - CPR - 1073

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

Smoke and heat control systems. Part 7-Smoke ducts sections.
Steel rectangular single compartment smoke control system ducts with dimensions up to 1250 mm x 1000 mm.

(For list of controlled characteristics and description of the product see Annex I and Annex II to 1922-CPR-1073 that are inseparable parts of this certificate)

placed on the market under the name or trade mark of

ACVILA VENTILATION SYSTEMS SRL

1B Oxigenului str., Cernica, Ilfov, Romania

and produced in the manufacturing plant

ACVILA VENTILATION SYSTEMS SRL

1B Oxigenului str., Cernica, Ilfov, Romania

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

EN 12101-7:2011

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 14.12.2018 and will remain valid until 14.12.2027 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.

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



Issued:
Burgas, 02 February 2026

Ref. No: 06-00



Manager:

Anna Vasileva

dipl. eng. Anna Vasileva



Visual Watermark

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1073/ 02.02.2026 (page 1/1)

Fire resistance tests have been performed according to EN 1366-9:2008.
Classification has been carried out according to EN 13501-4:2016.

Performance list, acc. to EN 12101-7:2011
Classification: E₆₀₀ 120 (ho-ve*) S1000 single

Essential characteristics	Clause EN 12101-7	Performance
Fire resistance		
Integrity	4.1,2 a) 4.4.1	Pass E ₆₀₀
Insulation	-	N/A
Smoke leakage	4.1.2 b) 4.4.1	Pass
Mechanical stability (under E)	4.1.2 c)	Pass
Maintenance of cross-section (under E)	4.1.2 d)	Pass

*The vertical parts of the duct are covered by the horizontal test. The additional weight of the vertical parts is taken into account when designing the suspension system.

Note: The manufacturer is responsible for providing suitable suspensions, anti-buckling measures (e.g. EN 1366-1) and specifying requirements for the use of compensators.

ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1073/ 02.02.2026 (page 1/1)

PRODUCT

- Rectangular smoke extraction duct with cross section and dimensions 1000mm x250 mm.
- Duct tested in horizontal position up to 1000mm x 250mm. Duration of test 120 min.
- The smoke extraction duct consists of 7 reinforced segments/air ducts/ with dimensions (WxH) (1000x250) mm and a cap sealing the end of the duct.
- The segments are with dimensions (WxH) 1000mm x 250mm and and maximum length 1250 mm, made of galvanised steel sheet brand DX51D+Z with a thickness of 0.8 mm.
- A flange is mounted on both sides of the duct body to connect the individual segments to each other.
- The connection is made by slippage type PREMIUM FLANGE P30 and corners S30, all produced by Gebhardt Stahl.
- The flange is fixed on the duct by spot welding, spaced 150mm apart.
- All the joints between the flange, corners, and duct are treated with silicon named Soudal Firecyl FR.
- The individual segments of the duct are joined together with G - brackets (GK PLUS), produced by Gebhardt Stahl, located at a distance of 250mm from each other.
- The corners are fixed with M8 x 20 screws with nuts.
- The ducts with sizes larger than 500mm, are reinforced internally with threaded rod M10. The rods are mounted by means of nuts with washer. For larger dimensions the threaded rod may be fitted inside of steel pipe.

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Attestation & Certification

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