



PAVUS, a.s.

Notified Body 1391

Prosecká 412/74, 190 00 Praha 9 – Prosek

Authorization No. ÚNMZ/SPR/106/4000/18-7 from 20th November 2018

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2021/0061

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Product Regulation or CPR), this Certificate applies to the construction product:

Circular single compartment smoke control duct NORDsmoke

Intended use of the product:

Single compartment smoke control duct sections are used in smoke control systems up to 600 ° C

placed on the market under the name or trade mark of:

ETS NORD AS ESTONIA

Peterburi tee 53, 11415 Tallinn, Estonia, ID: EE100363634

and produced in the manufacturing plant:

ETS NORD AS

Peterburi tee 53, 11415 Tallinn, Estonia

ETS NORD Suomi

Pakkasaraiti 4, 04360 Tuusula, Finland

ETS NORD Sverige

Järsjögatan 7, 69235 Kumla, Sweden

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 31st October 2014 and will remain valid 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This Certificate replaces and cancels Certificate of Constancy of Performance No. 1391-CPR-2015/0097 of 7th May 2015 issued by NB 1391.

Prague 21st July 2021



Ing. Jan Tripes
executive director – NB 1391

Technical parameters of the assessed product *)

Material versions and dimensions of the elements:

galvanized steel spiral sheet, thickness of the sheet metal:

0,5 mm for Ø 100-315 mm

0,7 mm for Ø 400-630 mm

0,9 mm for Ø 800-1000 mm

Max. underpressure -1 500 Pa, max. overpressure +500 Pa

Pressure level: 3

Leakage class of the ductwork: D

The classification according to EN 13501-4:2016 *):

E₆₀₀ 120 (v_e-h_o) S1500single

Assessed product performance

Essential characteristics	Requirement clauses in EN 12101-7	Findings	Conformity Assessment
Fire resistance – integrity (E)	4.1.2 a)	E ₆₀₀ 120 leakage < limit 10 m ³ /h.m ²	Conforms
Fire resistance – insulation (I)	No requirement for single compartment duct	–	–
Fire resistance – smoke leakage (S)	4.1.2 b)	E ₆₀₀ 120 S1500 leakage < limit 5 m ³ /h.m ²	Conforms
Fire resistance – mechanical stability (under E)	4.1.2 c)	120 min	Conforms
Fire resistance – maintenance of cross-section (under E)	4.1.2 d)	120 min	Conforms

*) Detailed technical parameters and conditions of the final classification according to EN 13501-4:2016 are stated in the Assessment Report of Performance of the Construction product No. P-1391-CPR-2021/0061 of 21st July 2021.



Jan Tripes
Ing. Jan Tripes
 executive director – NB 1391