Alnor Systemy Wentylacji Sp. z o.o.,
Aleja Krakowska 10, 05-552 Wola Mrokowska,
tel.: + 48 22 737 40 00, fax.: + 48 22 737 40 04,
e-mail: alnor@alnor.com.pl, www.alnor.com.pl.

DECLARATION OF PERFORMANCE
No 118/01/26

CE

1. Product description:

SMOKE®System fire ventilation duct sections used in smoke control systems with a fire resistance rating of E600 120 (ho) S1500single in accordance with EN 13501-4:2016.

2. Intended use or uses of the construction product:

The SMOKE®system steel, single-zone, circular smoke extraction ducts, along with their mounting components, are designed to remove hot gases and smoke from fire-affected areas, facilitating firefighting operations and evacuation of people from the affected area, while maintaining fire integrity and/or smoke tightness criteria specified under 600°C temperature conditions. They are also intended for use in mixed systems that simultaneously function as both comfort ventilation and smoke extraction, provided that the smoke extraction function is exclusively for the fire zone in which they are installed.

3. Manufacturer:

Alnor Systemy Wentylacji Sp. z o.o.
00-719 Warszawa ul. Zwierzyniecka 8b, POLSKA
Production facility:
05-552 Wola Mrokowska, Aleja Krakowska 10, POLSKA
tel.: + 48 22 737 40 00, fax.: + 48 22 737 40 04

4. Authorised representative: **not applicable.**

5. System or systems for assessment and verification of constancy of performance: **assessment system 1.**

6. Harmonised standard: **EN 12101-7:2011.**

Notified body or bodies:
Building Research Institute, ul. Filtrowa 1, Warsaw, Notification number: 1488 (Certificate of Constancy of Performance 1488-CPR-0716/W based on Classification Report RS-18/T-542).

Alnor Systemy Wentylacji Sp. z o.o.,
Aleja Krakowska 10, 05-552 Wola Mrokowska,
tel.: + 48 22 737 40 00, fax.: + 48 22 737 40 04,
e-mail: alnor@alnor.com.pl, www.alnor.com.pl.

7. Name and identification number of the notified body where a European Technical Assessment has been issued for the product: **not applicable.**

8. Declared performance characteristics:

Essential characteristics	Standard requirements EN 12101-7:2011	Mandatory levels and/or classes	Rate	Comments
Fire resistance				
Fire tightness	4.1.2 a), 4.4.1	E	meets	The use of vertical sections of the duct (within the same fire compartment) is permitted, provided that suitable installation components are used (based on Technical Opinion No. RS-26/T-057).
Fire insulation	-	-	-	
Smoke tightness	4.1.2 b), 4.4.1	E600S	meets	
Mechanical stability (within Class E)	4.1.2 c)	-	meets	
Cross-section retention (within Class E)	4.1.2 d)	-	meets	

9. The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:
(name and position)

Grzechowiak Piotr
.....

Wola Mrokowska, 07.05.2026

(place and date of issue)

Piotr Grzechowiak
Research and Certification Manager
(signature)