

Ventilation silencer TOC and TOKC for steel ducts

Holder/Issued to

Ciecholewski-Wentylacje Sp z o.o.

Koźmin 30, PL-83-236 Pogódki, Poland

Product description

TOC, circular ventilation silencer of galvanised steel sheet casing and internal absorbent of mineral wool, internal diameter 80-630 mm, length 300, 600, 900 or 1200 mm, fire resistance class E 120. May be used in class EI 30 or EI 60 if distances to evacuation routes, distances to combustible material comply with requirements as specified in associated documents.

TOKC, rectangular ventilation silencer of galvanised steel sheet casing and internal absorbent of mineral wool, internal diameter 80-400 mm, length 500 or 1000 mm, fire resistance class E 120. May be used in class EI 30 if distances to evacuation routes, distances to combustible material comply with requirements as specified in associated documents.

Intended use

Ventilation silencer for circular steel ducts in air handling systems

Trade name

TOC, TOKC

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 2, 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR) issued by the National Board of Housing, Building and Planning.

| | |
|---|------------------------------------|
| Fire resistance class E 120 | 5:231 |
| Fire technical alternatives ¹⁾ | 5:112 (BFS 2011:27, section 4.1.3) |
| Air handling installations | 5:526 |
| Material | 6:11 |
| Microorganisms ²⁾ | 6:24 |
| Tightness ³⁾ | 6:255 |
| Heating, cooling and air handling installations | 9:51 |

- 1) The product may be used where fire resistance class EI 30 or EI 60 is required, if distances to evacuation routes and distances to combustible material comply with requirements as specified in associated documents.
- 2) An air treatment unit for supplied air must have filters of at least class F7 in accordance to EN 779. The product must not be installed in ducts that carry air which contains greasy or sticky compounds.

The duct system including the sound absorber is tested in accordance to EN 12237. The system satisfies tightness class A, B, C and D.

Type Approval SC0234-16 | issue 4 | 2022-12-08

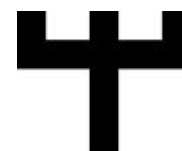
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Associated documents

User manual for TOC/TOKC silencer, dated 30.09.2022.
Product data sheet TOC Silencer, dated 30.09.2022.
Product data sheet TOKC Silencer, dated 30.09.2022.

Control

The factory production control (FPC) is monitored by an independent inspection body.
Control plan: Ref no. 210-16-0091 dated 2021-04-07, Inspection body: RISE

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Manufacturing place

Production control includes the following place:
Ciecholewski-Wentylacje Sp z o.o., Pogódki, Poland.

Marking

The products are to be marked at the factory. The marking consists of a sign, label or text on every product supplied and includes:

| | |
|--|-----------------------------------|
| Holder | Ciecholewski-Wentylacje Sp z o.o. |
| Manufacturing place | Pogódki |
| Product type designation | e.g. TOC-630/50/900 |
| Consecutive manufacture number/date | number/date |
| Type approval number | SC0234-16 |
| Properties | E 120 |
| Boverket's registered trade mark | † |
| RISE Accreditation number | 1002 |
| Certification body and Inspection body | RISE |

Basis for approval

Report no. 5P00255, 5P00255-01 and O100166-1110397 from SP/RISE.
Report no. 10/2015 from New Energy Sp. Z o.o. SKA.
Report no. 139/16/230/M-1 from Materialow Budowlanych "IZOLACJA".
Report from Innovative Service Enterprise "Omnisfera Ltd."
Drawing no 001, dated 24.04.2017, Rev Date 21.10.2021.
Drawing no 002, dated 17.11.2014.

Comments

Associated documents shall accompany the product or by other means be available to users of the product.

If the product is projected by the condition of a safety distance, the installer shall attach a warning label clearly visible on the installed product. Warning label can be ordered from the holder of the certificate.

This type approval supersedes the previous type approval with the same number dated 2021-10-25.

Validity

Valid through 2026-10-24.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

A handwritten signature in blue ink, appearing to read 'Stefan Coric'.

Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.