

/Logo/

**THE FIRE RESEARCH CENTRE OF THE
FIRE AND RESCUE DEPARTMENT UNDER
THE MINISTRY OF THE INTERIOR OF THE
REPUBLIC OF LITHUANIA**

/Logo/

**LITHUANIAN NATIONAL
ACCREDITATION BUREAU.**

**PRODUCT CERTIFICATION
ISO TEC 17065 No**

LA.03.009

Švitrigailos str. 18, LT-03223 Vilnius, Phone/fax (8 5) 233 9878. E-mail: gtc@vpgt.lt

**CERTIFICATE OF CONFORMITY
OF PERFORMANCE STABILITY**

No **GTC 100747**

Date of issue: 17 October 2019

(date)

Date of expiry: 16 October 2022

(date)

Issued by: UAB Paroc, Savanorių avenue 124, LT-03153, Vilnius, the Republic of Lithuania.
(supplier's name / name and surname, registered office / place of residence)

This certificate of conformity hereby certifies that: mineral wool products, to be used for the fire protection of air supply ducts,

(fire equipment)

of type(s): PAROC Hvac Fire Black Coat LT,

(type(s) of fire equipment)

manufactured by: Paroc Polska Sp. z o. O., ul. Gnieznienska 4, PL-62-240 Trzemeszno, The Republic of Poland,

(manufacturer's name, registered office)

conform to: fire resistance classes, stipulated by LST EN 13501-3:2006+A1:2010 (see Annex thereto).
(technical specification mark)

This certificate of conformity was issued on the basis of: FIRES (the Republic of Slovakia) test report (see Annex thereto), DBI (the Kingdom of Denmark) test, classification and expanded application reports (test result protocols, quality system certificate, GKS verification reports, etc. and issuing bodies) (see Annex thereto), GTC AĮS (the Republic of Lithuania) Decision No GL-29(19/19) on the evaluation of production control system and the report No IA-31(19/19) on the evaluation and verification of construction product performance stability.

This certificate of conformity obliges to label the above fire equipment with the conformity (certification) mark **GIAŽ – 01**.

Director
(certifying body management position)

/Signature/
(signature)

Donatas Lipinkas
(name, surname)

L. S.

Copy No. 000380

2018 GARSŲ PASAULIS UAB 01002

24 October 2019

Translated into English by Loreta Grigonyte (Loreta Grigonytė), a translator of the translation agency LINGVOBALT (UAB „LINGVOBALT“). Loreta Grigonyte certifies that she possesses the knowledge of the Lithuanian and English languages and this document, which is translation from Lithuanian into English, is correct orthographically and in its essence and is certified with her signature. The contents of Art. 235 of the Criminal Code of the Republic of Lithuania are known.

Loreta Grigonyte _____



LINGVOBALT, UAB

Legal entity code: 301887540

Address: Konstitucijos pr. 21A, LT-08130

Vilnius, Lithuania

Tel.: +370 5 2722736

E-mail: info@lingvobalt.lt



**THE FIRE RESEARCH CENTRE OF THE FIRE AND RESCUE DEPARTMENT
UNDER THE MINISTRY OF THE INTERIOR OF THE REPUBLIC OF LITHUANIA**

Švitrigailos str. 18, LT-03223 Vilnius, Phone/fax (8 5) 233 9878. E-mail: gtc@vpgt.lt

**ANNEX TO
THE CERTIFICATE OF CONFORMITY
OF PERFORMANCE STABILITY**

No GTC 100747

Date of issue: 17 October 2019

NAME OF CONSTRUCTION PRODUCT:

PAROC Hvac Fire Black Coat LT mineral wool products, to be used for the fire protection in air supply ducts.

**TEST, CLASSIFICATION AND EXPANDED APPLICATION REPORTS USED FOR THE
EVALUATION OF CONFORMITY:**

FIRES (The Republic of Slovakia) test report No FIRES_FR_134-12-AUNE,
DBI (Kingdom of Denmark) test, classification and expanded application reports
No PG12318, No PGA10825A, No PGA10833A, No PGA10859A, No PGA10875A,
No PGA10894A, No PGA10912A, No PGA10934A, No PGA10935A, No PGA10981A,
No PGA11115A, No PGA11207A, No PGA11230A, No PGA11231A, No PGA11252A,
No PGA11274A, No PGA11303A, No PGA11307A, No PGA11353A, No PHB10050A,
No PHB10057A, No PHB10057B, No PHB10072A, No PHB10068A, No PHB10068B,
No PCA10508A, No PCA10409A, No PCA10409B, No PCA10421A, No PCA10417A,
No PCA10418A, No PCA10420A.

**THE PRODUCT CONFORMS TO THE FOLLOWING MANDATORY SAFETY
REQUIREMENTS:**

Circular cross-section ventilation ducts, protected with PAROC Hvac Fire Mat Black Coat LT type matting, with density of 80 kg/m³, fire resistance dependency on the matting thickness:

Thickness of fire insulation of 80 kg/m ³ density, mm	Minimum thickness of partition, mm	Minimum thickness of overlay, mm	Fire resistance class according to LST EN 13501-3:2006 +A1:2010
50	70	100	EI 30 (ve ho i ↔ o) S
80	95	100	EI 15 (ve ho i ↔ o) S EI 30 (ve ho i ↔ o) S EI 45 (ve ho i ↔ o) S EI 60 (ve ho i ↔ o) S
100	130	150	EI 90 (ve ho i ↔ o) S EI 120 (ve ho i ↔ o) S

Rectangular cross-section ventilation ducts, covered with 60 mm thick PAROC Hvac Fire Mat Black Coat LT type panels, fire resistance dependency on panel density:

Thickness of fire insulation, kg/m ³	Minimum thickness of partition, mm	Minimum thickness of overlay, mm	Fire resistance class according to LST EN 13501-3:2006 +A1:2010
80	70	70	EI 30 (ve ho i ↔ o)
120	95	100	EI 60 (ve ho i ↔ o)
180	130	150	EI 90 (ve ho i ↔ o) EI 120 (ve ho i ↔ o)

Remark: E – integrity criterion, I – thermal insulation criterion, ho – horizontal installation, ve – vertical installation, i ↔ o – fire on the inside or on the outside of a ventilation duct.

TECHNICAL SPECIFICATION OF AIR SUPPLY DUCTS:

Air ducts construction	Metal air duct tinplate thickness, mm	Minimal air tightness class of the metal air duct	Maximum dimensions of a metal air duct (width x height/diameter), mm
rectangular	≥ 0.9	C (according to LST EN 1507:2006)	1250 x 1000
circular	≥ 0.7	D (according to LST EN 12237:2003)	1000

Remark: this certificate is only valid if PAROC Hvac Fire Black Coat LT type mineral wool products for fire protection of air supply ducts are installed according to the UAB PAROC installation manual No V2.0-2019 requirements.

Head of Conformity Evaluation Department /Signature/

Vladas Praniauskas

L. S.

24 October 2019

Translated into English by Loreta Grigonyte (Loreta Grigonytė), a translator of the translation agency LINGVOBALT (UAB „LINGVOBALT“). Loreta Grigonyte certifies that she possesses the knowledge of the Lithuanian and English languages and this document, which is translation from Lithuanian into English, is correct orthographically and in its essence and is certified with her signature. The contents of Art. 235 of the Criminal Code of the Republic of Lithuania are known.

Loreta Grigonyte

LINGVOBALT, UAB

Legal entity code: 301887540

Address: Konstitucijos pr. 21A, LT-08130

Vilnius, Lithuania

Tel.: +370 5 2722736

E-mail: info@lingvobalt.lt

