



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague, SOE

Akreditované laboratoře, Autorizovaná osoba, Oznámený subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Authorized Body 204

Empowered by the Decision of COSMT No. 5/2017 of 31. 1. 2017
Branch Office 0800 – Fire Protection of Buildings

PRODUCT CERTIFICATE

No. 204/C5/2018/080-022039

In compliance with the enactment of Article 5 of the Government Decree No. 163/2002 Coll., that lays down technical requirements for selected construction products, as amended by Government Decree No. 312/2005 Coll. and by Government Decree No. 215/2016 Coll., it is confirmed, that in case of the construction product

Fire-resistant air transfer grilles for walls, types LKS 60 and LKS 45

with overall dimensions (600 x 304) mm (width x height) and thicknesses of 60 mm and 45 mm, respectively, are intended for installation in internal non-load-bearing fire-resistant bricked or plasterboard walls. Grilles of type LKS 60 - model 1, LKS 60 - model 2 (variant A and B) and LKS 45 differ in the number of Flexilodice graphite strips forming the intumescent part of the grille. The fire resistance classification according to ČSN EN 13501-2 of air transfer grilles is: **E 90/ EI 45/ EW 90** (LKS 60 grille - model 1 mounted in a lightweight prefabricated supporting structure, with the lower edge of the grille being 0.1 m to 2.56 m above the imaginary floor level), respectively **E 90/ EI 60/ EW 90** (LKS 60 grille - model 1 mounted in a lightweight prefabricated supporting structure, with the upper edge of the grille being max. 0.4 m above the imaginary floor level or LKS 60 grille - model 1 mounted in a rigid supporting structure, with the lower edge of the grille being 0.1 m to 2.56 m above the imaginary floor level or LKS 60 grille - model 2 variant B mounted in a rigid supporting structure, with the lower edge of the grille being 0.5 m to 2.56 m above the imaginary floor level), respectively **E 90/ EI 90/ EW 90** (LKS 60 grille - model 1 mounted in a rigid supporting structure, with the upper edge of the grille being max. 0.4 m above the imaginary floor level or LKS 60 grille - model 2 variant A mounted in a rigid supporting structure, with the lower edge of the grille being 0.5 m to 2.56 m above the imaginary floor level or LKS 45 grille mounted in a rigid supporting structure, with the upper edge of the grille being max. 0.4 m above the imaginary floor level). The distance from the edge of the ventilation grille to the upper and lower edges of the supporting structure must not be reduced below 100 mm, the distance from the edge of the ventilation grille to the side edge of the supporting structure must not be reduced below 200 mm. The overall dimensions of the grille can only be reduced in accordance with the direct application of the test results, i.e. it is possible to reduce only the length of the Flexilodice strips that are applied between the vertical reinforcements of Grenamat AS boards and/or the number of these strips. The perimeter frame of Grenamat AS boards in the same cross-section as the tested one and 3 vertical and one horizontal reinforcement of Grenamat AS boards in the same cross-section as the tested one must always be maintained.

Manufacturer:

Likahas s.r.o.

INo.: 065 87 836
Address: Osvobození 3548/ 17, 430 03 Chomutov
Plant: Zahradní 5321, 430 04 Chomutov
Order: Z080180057

the Authorized Body has reviewed documents submitted by the manufacturer, performed the initial type-testing of the product sample, performed the initial inspection of manufacturing plant, assessed factory production control and has stated, that

- this product fulfils the requirements derived from related essential requirements given in the above mentioned Government Decree and detailed in the National Technical Approval:
NTA No. 080-022037 of 18/07/2018 issued by the Authorized Body 204 with validity up to 17/07/2021, extended until 17/07/2024 by document No. 080-024187 of 17/07/2021 and subsequently extended until 17/07/2027 by document No. 080-026113 of 16/07/2024.
- the factory production control complies with technical documentation and ensures that products put on the market meet the requirements laid down in the above mentioned National Technical Approval and comply with relevant technical documentation according to Article 4 Clause 3 of the above mentioned Government Decree.

The Product Certification Report No. 080-022038 of 20/07/2018 containing the conclusion of the findings, assessments, test results and description (eventually sketch) of the product necessary for its identification is to be considered as an integral part of this certificate.

This certificate replaces the version dated 26/06/2024 (first issued 20/07/2018) and remains valid as long as the requirements given in the National Technical Approval referred to hereinabove or the manufacturing conditions in the factory or the factory production control itself are not modified significantly, unless suspended or withdrawn by the Authorized Body.

The Authorized Body performs at least once a 12 months the surveillance of proper function of the factory production control at the manufacturer, selects samples at the factory and performs an audit-testing of samples to assess whether the characteristics of the product comply with the National Technical Approval according to Article 5 Clause 4 of the above mentioned Government Decree. The Authorized Body shall issue a report on the evaluation of surveillance and forwards it to the manufacturer.

The person taking overall responsibility for this certificate:

Prague, 16. July 2024



Ing. Zdeněk Kočí
Deputy manager of the Authorized Body 204