



**PAVUS, a. s.**

Prosecká 412/74, 190 00 Prague 9 - Prosek  
Accredited Product Certification Body No. 3041  
according to ČSN EN ISO/IEC 17065

Certificate of Accreditation No. 762/2017 issued by Czech Accreditation Institute,  
Public Service Company

issues

according to the scope of the accreditation

# C E R T I F I C A T E

**No. C-2018/0242**

for client

manufacturer:

KOPOS KOLÍN a.s., Havlíčkova 432, 280 94 Kolín IV,  
Id. No.: 61672971

place of production:

KOPOS KOLÍN a.s., Havlíčkova 432, 280 94 Kolín IV

for product:

**Cable constructions with circuit integrity maintenance under fire conditions**

**Cable trays Mars and Jupiter, wire cable trays, cable ladders, pipes and parapet trunkings, clamps, electrical wiring boxes, supporting rails and profiles, accessories and others**

The certificate proves conformity of the certified product with declared product performance, assessed according to the certification scheme given in ČSN EN ISO/IEC 17067:2014, system 5 and according to requirements in DIN 4102-12:1998, according to which the certification has been carried out.

Test results and findings are stated in Certification Report No. P-2018/0242 from 2018-12-10 that is an integral part of this certificate and is handed along with this certificate.

**Certificate validity is limited to: 2021-12-31**

Prague, 13<sup>th</sup> December 2018



Ing. Jan Fanta

executive of the CB for product certification

Assessed properties of the certified product are stated on the other side of this certificate.

Assessed performance of the certified product

Monitored / declared performance	Determined (requirement)/ classification standard	Required/declared level	Observed/classification	Conformity Assessment
Circuit integrity maintenance of cable constructions under fire conditions	DIN 4102-12	E 30 to E 90	Cable trays MARS NKZI, NKZIN, NIXKZN, NKZN and NKZ Cable trays JUPITER KZ, KZI, KZIN Wire cable trays DZ and DZI Cable ladders KL, KLZ, KL..PO: E 30 to E 90	Conforms <sup>1)</sup>
			Cable clamps OMEGA, DOBRMAN, 67xx, PKC1 and group cable holder SD2: E 30 to E 90	
			Halogen-free rigid pipes 15xxHF, 40xxHF, 80xxHF and steel pipes 60xx: E 30 to E 90	
			Parapet trunkings: E 30	
			Electrical wiring boxes KSK and 81xx: E 30 to E 90	
			Supporting rails 5820, supporting profiles NP and plastic profiles LHD E 30 to E 90	
			Accessories: E 30 to E 90	
Reaction to fire	ČSN 73 0810 ČSN EN 13501-1+A1	Steel elements: A1 Electrical wiring boxes: E Halogen-free rigid pipes: E Halogen-free parapet trunkings: E	Steel elements: A1 Electrical wiring boxes: E Halogen-free rigid pipes: E Halogen-free parapet trunkings: E	Conforms <sup>2)</sup>
<p><sup>1)</sup> Conforms according to the test results in [3 - 42], chap. 2 of the classification report.</p> <p><sup>2)</sup> Conforms according to the test results in [43 - 44], chap. 2 of the classification report.</p>				

The validity of the Certificate No. C-2018/0242 is limited by date and is conditioned on executing of regular audit on proper implementing of factory production control that has to be executed by the Certification Body No. 3041 at least once every 12 months.



*Jan Fanta*  
Ing. Jan Fanta  
executive of the CB for product certification