



KOPOS KOLÍN a.s.
Havlíčková 432
CZ - 280 02 Kolín IV

5B/Prohl/KPZ-1/21-04

DECLARATION OF CONFORMITY

We, KOPOS KOLÍN a. s.
Havlíčková 432
280 02 Kolín IV
Czech Republic
IČ: 61672971
DIČ: CZ61672971

Product: FIRE RESISTANT WALL BOX KPZ-1_PO

Producer: KOPOS KOLÍN a.s. Havlíčkova 432, Kolín IV, 280 02 Kolín, Czech Republic

Description and destination of the product - purpose of use in construction:

Fire resistant wall box KPZ-1_PO are designed for installation in load-bearing and non-load-bearing structures. The box is designed to be built into the following structures: The box is designed to be built into the following partition structures:

Non-load-bearing wall:

- plasterboard partition minimum thickness 100 mm, formed on each side by two SDK boards minimum thickness 12,5mm and filled with mineral wool minimum thickness 50 mm, density min. 100 kg / m³,
- partition formed by a rigid supporting structure made of aerated concrete, concrete or ceramic masonry minimum thickness 100 mm.

Supporting structure:

- load-bearing walls and ceiling structures made of concrete, aerated concrete or ceramic masonry minimum thickness 100 mm, meeting the load-bearing criteria R as a separate load-bearing structure.

Drawers can be mounted in the box 230V / 16A, switches, screwless terminals or communication outlet. The boxes can be installed on one side of the structure, or opposite each other on both sides, or combined in a vertical or horizontal frame for two or three switches.

Documents from the conformity assessment process:

- Certificate no. C-PAVUS-2021/0078** from date 26.4.2021, validity until 30.4.2024, issued PAVUS, a.s., Praha
 - Protocol of certification no.P-PAVUS-2021/0078** from date 26.4.2021, issued PAVUS, a.s., Praha
 - Fire classification certificate of fire resistance no. PKO-21-022** from date 26.4.2021, validity until 30.4.2024, issued PAVUS, a.s., Praha
 - Test Report of fire resistance no. Pr.-19-2-080** from date 27.5.2019, issued PAVUS, a.s., Veselí nad Lužnicí
 - Test Report of fire resistance no. Pr.-19-2-007** from date 25.2.2019, issued PAVUS, a.s., Veselí nad Lužnicí
- Test Report No. 19/440/P203** from date 27.5.2019, issued: Centrum stavebního inženýrství a.s., Pražská 16, Praha 10, Česká republika. Hard material - box body
 - Classification of reaction to fire according to ČSN EN 13501-1+A1:2010 no. PK-19-068** from date 27.5.2019, Centrum stavebního inženýrství a.s., Pražská 16, Praha 10, Česká republika. Hard material - the body of the box is classified in accordance with its reaction to fire: E



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- **Test report no.19/440/P204** from date 27.5.2019, issued: Centrum stavebního inženýrství a.s., Pražská 16, Praha 10, Česká republika. Soft material.
- **Classification of reaction to fire according to ČSN EN 13501-1+A1:2010 no. PK-19-069** from date 27.5.2019, Centrum stavebního inženýrství a.s., Pražská 16, Praha 10, Česká republika. Soft material is classified in accordance with its reaction to fire performance: E
- **Classification E** - Technical documentation of the foam manufacturer

Assessed characteristics of the certified product

Monitored / declared property	Specified (requirement) / classification standard	Required / declared level	Detected / classification	Conformity assessment
Fire resistance	ČSN 73 0810	EI 120 EI 180	Fire resistant wall box KPZ-1_PO with hard foaming material (product A) in a non-load-bearing wall made of aerated concrete, concrete or ceramic masonry minimum thickness 100 mm EI 180	Meets ¹⁾
			Fire resistant wall box KPZ-1_PO with softened foaming material (product B) in a non-load-bearing wall made of aerated concrete, concrete or ceramic masonry minimum thickness 100 mm EI 120	
			Fire resistant wall box KPZ-1_PO with hard foaming material (product A) and softened foaming material (product B) in a non-load-bearing plasterboard wall minimum thickness 100 mm EI 120	
			Fire resistant wall box KPZ-1_PO in the load-bearing wall and ceiling structure made of concrete, aerated concrete or ceramic masonry minimum thickness 100 mm with: - hard foaming material (product A): EI 180 - softened foaming material (product B): EI 120	
			Hard foaming material - product A and softened foaming material - product B: Class E	
Safety of used materials	Vyhl. MZ No. 6/2003 Coll.	Healthy product	Healthy product	Meets
Reaction to fire	ČSN 73 0810 ČSN EN 13501-1+A1	Class E	Fire resistant wall box KPZ-1_PO: - plastic material type C and D - hard foaming material (product A) - softened foaming material (product B) Class E	Meets

1) Complies under conditions PKO-21-022, see [4] chap. 2 of the certification protocol.

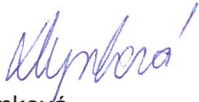


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Normative documents:

- ČSN 73 0810:2016 Fire safety of buildings - Common provisions
- ČSN EN 1364-1:2017 Fire resistance testing of non-loadbearing elements - Part 1: Walls
- ČSN EN 1363-1:2013 Fire resistance testing - Part 1: Basic requirements
- ČSN EN 1366-3:2009 Fire resistance testing of service installations - Part 3: Penetration seals
- ČSN EN 13501-1+A1 Fire classification of construction products and construction structures - Part 1: Classification according to results of reaction to fire tests

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