

5B/Prohl/KPZ-1/24-04

## DECLARATION OF CONFORMITY

22/1997 Coll., as amended, and § 13 of NV No. 163/2002 Coll., as amended.

We, KOPOS KOLÍN a. s., Havlíčkova 432, Kolín IV, 280 02 Kolín, Czech Republic  
declare under our sole responsibility that

The product: **FIRE PROTECTION INSTRUMENT BOXES KPZ-1\_PO**  
Manufacturer: **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 / m<sup>3</sup>,
- 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. 216\_C5a-2024/0080** from date 26.04.2021, validity until 30.04.2027, issued PAVUS, a.s., Prague, Czech Republic.
- Protocol of certification no. P-216-C5a-2024/0080** from date 26.04.2024, issued PAVUS, a.s., Prague, Czech Republic.
- Building Technical Certificate no. S-216/C5a/2024/0080** from date 24.04.2024 validity until 30.04.2027, issued PAVUS, a.s., Prague, Czech Republic.
- Fire classification certificate of fire resistance no. PKO-24-016** from date 23.04.2024, validity until 23.04.2027, issued PAVUS, a.s., Prague, Czech Republic.
- 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

### Other documents:

Report No. **040-073804** of **08.02.2023** on the test-Determination of Air sound insulation according to ČSN EN ISO 10140-2:2022, issued by: Technical and Testing Institute of Construction PRAHA, s.p., Tolského 447, 415 03 Teplice, Czech Republic.

Issued on the basis of protocol No. **040-073805** and **040-0738054** expert opinion **040-074030** of **10.03.2023**, issued by: Technical and Testing Institute of Construction PRAHA, s.p., Tolského 447, 415 03 Teplice, Czech Republic  
Expert opinion of the effect of electrical junction boxes on the weighted laboratory sound reduction index  $R_w$  of plasterboard walls.

- In all laboratory verified configurations we have found that the improvement/impairment of the weighted laboratory sound reduction index was  $DR_w = 0$  dB.
- a)** The measured results are also valid for boxes with a smaller surface area.  
**b)** The measured results are also valid for boxes with smaller depths.
- The results reported in 040-073805 and 040-073804 reports are valid for all double sheathed plasterboard partitions with a double metal construction filled with mineral wool with the weighted laboratory sound reduction index  $R_w \leq 69$  dB.

### 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	KPZ-1_PO: E 60/ EI 60 -E180/ EI 180	<p><u>KPZ-1 PO (PROMASEAL-IG-hard) -rigid support structure:</u> OS/NS/ box against each other (2)<sup>2</sup>. <b>E 180/ EI 180</b> without insulation behind the instrument: <b>E 60/ EI 60</b></p> <p><u>KPZ-1 PO (PROMASEAL-IG4-B-softened) -rigid support structure:</u> Boxes against each other (2)<sup>2</sup>. <b>E 180/ EI 180</b> OS <sup>2</sup> <b>E 90/ EI 90</b> NS <sup>2</sup> <b>E 120/ EI 120</b></p> <p><u>KPZ-1 PO (PROMASEAL-IG-hard) -lightweight prefabricated support structure:</u> OS/NS/ box against each other (2)<sup>2</sup>. <b>E 120/ EI 120</b> without insulation behind the: <b>E 60/ EI 60</b></p> <p><u>KPZ-1 PO (PROMASEAL-IG4-B-softened) -lightweight prefabricated support structure:</u> OS/NS/ box against each other (2)<sup>2</sup> <b>E 120/ EI 120</b></p>	Meets <sup>1)</sup>
<p>1) Meets the conditions specified in PKO-23-094, see [4] ch. 2 of the certification protocol. 2) Direction of thermal stress: heated side (OS)/ unheated side (NS)/ boxes against each other (2).</p>				

The product meets the basic requirements according to Government Regulation No. 163/2002 Coll., as amended, and the requirements of other technical regulations used in the conformity assessment. The product is safe under the conditions of its intended use in construction. At the same time, we have taken measures to ensure the conformity of the product with the technical documentation.

Place of issue: Kolín  
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