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Certificate

about the quality of airtightness

**Component: Sound insulation electronics box 68 Flex
Art.-No. 9068-94**

Customer: KAISER GmbH & Co. KG, Ramsloh 4, D-58579 Schalksmühle

Test Object:

Housing consisting of plastic-coated chipboards with therein installed
20 Sound insulation electronics-boxes 68 Flex
(Art.-No. 9068-94) with 12 conduit and 28 cable entries.

Results:

Using the BlowerDoor Micro-Leakage-Meter measurement system and the DG-700
the following values for the airflow and the permeability of building components at
a pressure difference of 10 Pa were achieved:

Airflow at 50 Pascal based on 20 Sound insulation electronics-boxes 68 Flex
with 40 cable and conduit entries:

$$V_{50} = 0,3887 \text{ m}^3/\text{h}$$

Airflow at 10 Pascal relative to the joint length (permeability of building component):

$$\text{leakage rate} = 0,0225 \text{ m}^3/(\text{h} \cdot \text{m})$$

According to DIN 4108-2:2013-02 chapter 7 para. 3, the requirement for component connection joints is $\leq 0,1 \text{ m}^3/\text{mh} (\text{daPa}^{2/3})$.

**The tightness of component connection joints of the
Sound insulation electronics box 68 Flex, Art.-No. 9068-94
satisfies the requirements.**

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