



AEROSEAL®

Case Study

MEZ-AEROSEAL

Office building in Bern

» Sealing of seven channels in the riser zone «

Office building in Bern

Location: Bern, Switzerland
Date: September 2017 (4 days)
MEZ-AEROSEAL Partner: Meier-Kopp
Executing company: Meier-Kopp
Result:

In the office building in Bern, seven ducts with diameters ranging from 650mm to 1000mm and a length of 28 meters had to be sealed to bring the building from energy standard X to Y. To ensure uninterrupted office operations, the sealing was carried out within two nights (from Friday to Saturday). The major challenge in sealing with MEZ-AEROSEAL was the poor accessibility of the outlets on the individual floors. Nevertheless, the leakage rate could be reduced by up to 95 %, thus ensuring an energy-efficient renovation.



Smell



Noise



Energy efficiency



Air tightness



Indoor air quality

Description

To reduce energy consumption in an office building in Bern, the air conveyor system had to be sealed reliably and without interfering with office operations.

Successful sealing

With our successful MEZ-AEROSEAL partner network we achieve great success again and again.

The change in leakages

Before sealing

- 21,4 – 98 l/s

After sealing

- 2,8 – 4,3 l/s

Reduction

- 84 - 95%



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