



OFFICE BUILDING „YOU“

Air tightness class B

Office building „YOU“

- Location:** Boulogne Billancourt, France
- Date:** 28 - 30.12.2015 and 11 to
- MEZ-AEROSEAL Partner:** SOGESTFA
- Result:** Within a total project time of 8 days, the air duct systems were prepared (closure of outlets, etc), sealed with 17 injections and put back into the original state. The surfaces of the air duct systems were in between 27 and 161 m², the lengths between 30 and 60 m. The air duct systems are mostly rectangular. The outlets are connected to the rectangular ducts with sound insulating, flexible ducts.



Smell



Noise



Energy efficiency



Air tightness



Indoor air quality

Description

The air duct systems of this new construction office building are mostly rectangular, highly branched, relatively flat and mounted behind a drop ceiling with a height of only 30 cm. Tightness tests showed the average leakage of the duct systems was about 2.5 x air tightness class A. When starting the work, all duct work was ready installed and the drop ceilings and overhead heating made an all-around access to the duct work impossible. It was in this context, that the French MEZ-AEROSEAL partner SOGESTFA was charged with the sealing of the duct systems, in order to reach an air tightness class B..

Successful sealing

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

The change in leakages

Before sealing

- 204,7 l/s on average

After sealing

- 24,1 l/s on average

Reduction

- 88,2 % on average