



AEROSEAL®

Case Study

MEZ-AEROSEAL

Office building, Paris / France

» *Achievement of airtightness class B* «

Office building, Paris/France

Location: Paris/France

Date: 02 February 2017

MEZ-AEROSEAL Partner: Sogestfa

Executing company: -

Result: During 3 days, from 31 January to 02 February 2017, two injections with Aero seal were performed, including the preparation and the reconditioning of the ductwork. Aero seal made it possible to avoid the dismantling of the brick-built riser ducts and other already finished elements. Through this, the other trades weren't affected by the injections with Aero seal, and the building site could be handed over correctly and in a timely manner. The customer chose Aero seal for its speed and for its price advantage compared to traditional sealing methods.



Smell



Noise



Energy efficiency



Air tightness



Indoor air quality

Description

The office building was subject to extensive renovation work. After several attempts to improve ductwork airtightness and after airtightness testing through a certified expert (QUALIBAT 8721), an average leakage rate of „1.85 times worse than airtightness class A“ was determined. At the beginning of the Aero seal project, the entire ductwork was installed and already connected to the terminals. The suspended ceilings were also partly installed. The terminals were disconnected again for the sealing with Aero seal. The building was erected according to high energy efficiency standards, aiming at the labels „BREEAM® Very Good“ and „HQE bâtiments tertiaires“. Against this background, the project supervisor contacted Sogestfa for an additional sealing with Aero seal, in order to achieve the tendered airtightness class B..

Successful sealing

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

The change in leakages

Before sealing

- 616 l/s in total

After sealing

- 69 l/s in total

Reduction

- Average of 89 %



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