



AEROSEAL®

Case Study

MEZ-AEROSEAL

Office building, Gentilly / France

» Achievement of airtightness class C «

Office building, Gentilly/France

Location: Gentilly/France

Date: 24 to 27 October 2017

MEZ-AEROSEAL Partner: Sogestfa

Executing company: -

Result: Thanks to the Aero seal technology, no dismantling of the suspended ceilings and the brick-built riser ducts was necessary. The one-week mission didn't cause any supplementary delay of the building site. The traditional approach of a complete restoration of the ductwork would have taken 8 weeks. The speed of its application gives the Aero seal technology a decisive advantage compared to traditional approaches, especially when there are time constraints. At the same time, other construction measures are not delayed by the application of Aero seal. The cost of the sealing with Aero seal was well below the cost for a traditional approach.

Description

After several attempts to improve ductwork airtightness and after airtightness testing through a certified expert (QUALIBAT 8721), an average leakage rate of 1.5 times worse than airtightness class A was determined. The building was erected according to high energy efficiency standards, aiming at 2 certifications at once: - Label HQE™ Very Good - BREEAM® Very Good Against this background, the project supervisor contacted Sogestfa for an additional sealing with Aero seal, in order to achieve the tendered airtightness class C..



Smell



Noise



Energy efficiency



Air tightness



Indoor air quality

„The insurance company „La Mondiale“ was the customer. They were very pleased with the achievement of the tendered airtightness class C..“

- La Mondiale

Successful sealing

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

The change in leakages

Before sealing

- 848,8 l/s in total

After sealing

- 53,9 l/s in total

Reduction

- 93,6 % in average



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