



AEROSEAL®



Case Study

MEZ-AEROSEAL

Retirement home Franziskus

» Air tightness has been improved from tightness class A to tightness class C. The execution took 1 working day. «

Retirement home Franziskus

Location: Linz / Austria

Date: 15 July 2015

MEZ-AEROSEAL Partner: Aeroseal Austria GmbH

Executing company: Ing. August Lengauer

Result: After separating the air handling unit, the exhaust air from the kitchen was sealed from an air tightness class A down to an air tightness class C. The exhaust air duct had a total surface of 288 m², but could be sealed in just one go. Aeroseal made it possible to resolve all odor pollution related problems in less than a day.

Description

The retirement home „Franziskus“ was completely renovated. Some of the old duct runs and air handling units were reintegrated into the new structure because of cost concerns. After the renovation, one of the reused air handling units, together with a reused kitchen exhaust air duct, were causing massive odor pollution in the whole building. In a first step, the executing company tried to manually seal the existing leakage. Unluckily, this action was not successful. Most of the leaks were inaccessible or couldn't be found at all. At that point, Aeroseal Austria was contacted to seal the affected duct runs..



Smell



Noise



Energy efficiency



Air tightness



Indoor air quality

Successful sealing

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

The change in leakages

Before sealing

- 448 m³/h at 150 Pa

After sealing

- 48 m³/h at 150 Pa

Reduction

- 89,30%



www.mez-technik.com



info@mez-technik.de



+49 (7072) 600980