



AEROSEAL

Case Study

MEZ-AEROSEAL

Hospital Bamherzige Brüder

» Compliance with tightness class „C“
or creation of a „liquid-tight“ air duct. «

Hospital Bamherzige Brüder

Location: Linz, Österreich
Date: Jul 19
MEZ-AEROSEAL Partner: Aero seal Austria GmbH
Executing company: Ing. August Lengauer GmbH & Co. KG

Result: The flexible connections on the extractors were removed and sealed with spiro caps. The existing pipes were closed on all sides by the Lengauer company using sheet metal plates; a sheet metal plate was also used for the connection to the ventilation unit. The sealing unit was installed directly in the main kitchen and connected to the ventilation ducts above. After sealing was completed with the Aero seal system, a tightness class „C“ was achieved for these ventilation ducts. The extractors were then directly connected with fixed spiro pipes.

Description

The existing kitchen exhaust air ducts, which were at least 35 years old, should be brought up to the current standard in the course of a kitchen refurbishment. For this purpose the pipes were first cleaned by HBL Haidinger and then the ventilation lines were sealed with the „Aero seal“ system..



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

- 87 l/s at 400Pa

After sealing

- 15 l/s at 400Pa

Reduction

- 82,70%



www.mez-technik.com



info@mez-technik.de



+49 (7072) 600980