

WestBury Tower Business Bay, Dubai

From shell and core to the finished engineering and architectural office with innovative "Cool Ceiling" solution

The building construction calls for new and innovative solutions. Therefore, "The Madison Group" chose to install "Cool Ceiling" in their own office.

"The Madison Groups" office is located in Westbury Tower where it was not possible to change the fan coil units to some lower and less noisy.

Nevertheless, we achieved more than 200 mm higher ceiling height than the corresponding office and a substantial noise reduction.

"Cool Ceiling" is a duct-free ventilation ceiling that increases the finished room height, so the office appears brighter and more open while at the same time handling the big cooling needs completely without any draft or condensation.

The Substantially healthier indoor climate has been a big benefit for all the employees of the company. This ensures that the working environment is functioning at maximum capability while also providing better acoustics.

"Cool Ceiling" has been developed and tested in collaboration with The Danish Technological Institute, which also developed calculation programs and documentation.



"Cool Ceiling" is approved and patented in



FACTS:

- Higher ceiling height
- Indoor clima Cat. A
- Better acoustics
- Maintenance friendly ceilings
- No ducts
- No draft
- No condensation

Developer: The Madison Group

Enterprise: Ventilation

Construction period: September 2018

Consulting Engineer: JS Konzept

Architect: The Madison Group



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