

**Specially treated ceilings:
Fresh air for a better quality of life**

OWA

**OWAcoustic®
AirControl**



FRESH AIR, WELL-BEING, HEALTH



Breathe easy, relax, feel good

Whether in clinics, old people's homes, catering, kitchens or canteens: the new ceiling tile OWAacoustic® AirControl was developed to combat unpleasant odours of food, cigarette smoke, perspiration, cleaning supplies or solvents. Long-lasting, and therefore lastingly effective! The result: more fresh air in all rooms, a more pleasant atmosphere, noticeably greater well-being for guests, residents and patients.

Fresh ideas for clinics, old people's homes, and care homes

The more pleasant the atmosphere of a hospital or care home, the more relaxed is the therapy, the higher the feel-good factor, the quicker the recovery. A decisive factor: fresh, clean air in all rooms. No disagreeable odours, no harmful substances. Our contribution: OWAacoustic® AirControl, the ceiling tile which reduces odours and air pollutants by up to 50%.



OWAacoustic® AirControl can be ideally integrated into modern area design concepts.

Battles against many harmful substances at once

OWAacoustic® AirControl combats harmful substances in the air such as ammonia, formaldehyde, triethylamine and nicotine – simultaneously. Dangers presented by air pollutants are continuously minimised, and the quality of air is doubled. The system can therefore help to avoid health complaints caused by poisonous substances in the atmosphere – the so-called “sick building syndrome”. The effectiveness of OWAacoustic® AirControl is proven, and attested by test certificates.

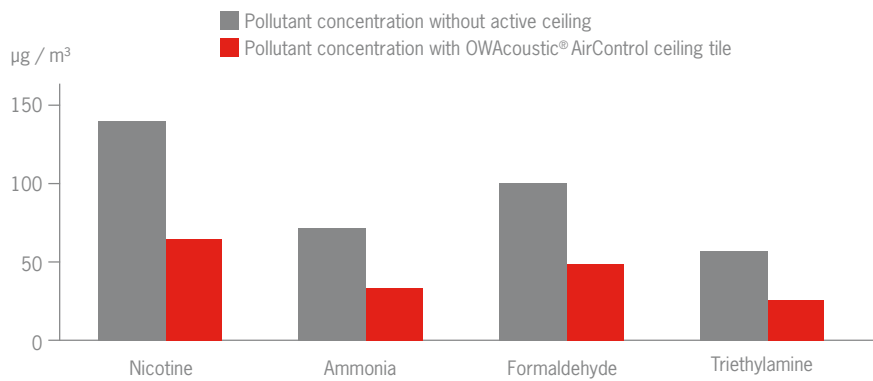
Cigarette smoke – keeping the remaining risk under control

Even though smoking has recently been “banned” to separate areas or relegated to the outside: often enough, non-smoking areas are affected nonetheless by harmful substances from smoking zones. Apart from this: smokers prize fresh, clean air in pubs and restaurants too. The perfect solution: OWAacoustic® AirControl, the ceiling system which actively combats odours and harmful substances.

Fresh air + a fresh look

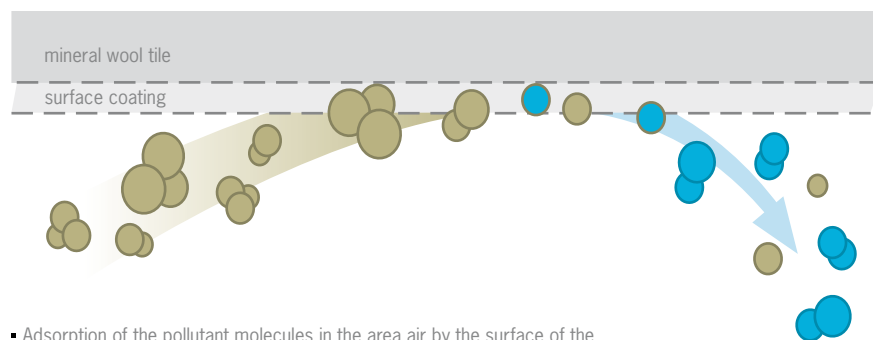
OWAacoustic® AirControl “works” permanently, without wearing itself out or yellowing. The ceiling stays functional and retains its colour. The result: a lastingly better atmosphere, lasting freshness, a lastingly bright, fresh, friendly design.

OWAacoustic® AirControl – clearly added value for new buildings and redevelopment.



Built-in catalyser

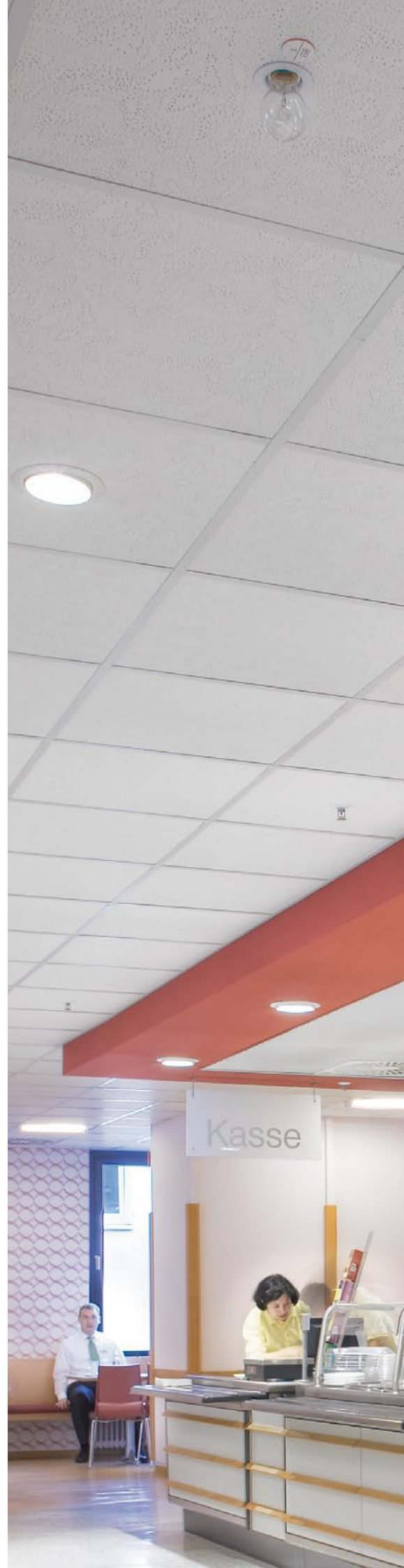
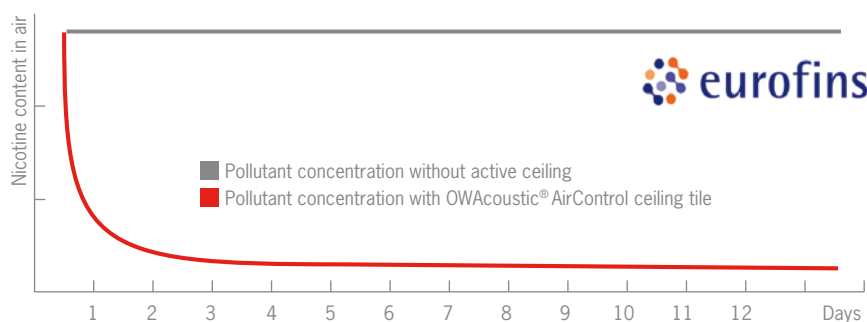
OWAcoustic® AirControl works on a proven principle. The surface of the mineral wool tile contains a catalyst. This converts more than 50% of olfactory harmful and odorous substances contained in the area air into hygienically harmless materials. The catalytic process works permanently and doesn't degrade over time. Against other air cleaning products the effect is independent on daylight or other sources of light. OWAcoustic® AirControl produces fresh air even over night.



- Adsorption of the pollutant molecules in the area air by the surface of the OWAcoustic® AirControl ceiling tiles
- Catalytic reduction of the pollutants to hygienically, and completely harmless final products
- After the chemical reaction the catalyst goes back to its original condition. So it isn't exhausted.

Certified: sure and reliable

Practical examination by the Danish institute Eurofins confirmed: OWAcoustic® AirControl reduces relevant toxicological and olfactory-active substances in the area air by more than 50%. In a 14-day testing programme in which the tiles were continuously exposed to the selected representative substances nicotine, ammonia, formaldehyde and triethylamine, OWAcoustic® AirControl lowered the respective concentrations by more than half. OWAcoustic® AirControl can therefore double the purity of air quality.








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OWAcoustic®-premium-delivery-programme for OWAcoustic® AirControl

Patterns	Plain 9, Sandila 70/O, Sandila 70/N, Constellation 3
Tile thickness	15 mm nom.
Edge detail	3, 6 (for systems S 3, S 15, S 3a)
Module sizes	600 x 600, 625 x 625 mm
 Moisture resistance	up to 95 % RH
 Acoustic absorption	up to $\alpha_w = 0.7$ (Constellation 3)
 Fire protection	up to F 120 (DIN 4102) up to REI 120 (EN 13501-2)
Sound reduction	35 - 49 dB (Dependent on system, soffit and other factors)

More than fresh air: a ceiling system

OWAcoustic® premium ceiling systems are multi-functional. They can reduce sound and improve area acoustics, are resistant to moisture and increase the levels of fire protection. OWAcoustic® AirControl is available in surface designs Sandila, Plain and Constellation (square formats) and are compatible with OWAconstruct® suspension systems S 3, S 15 and S 3a.

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