

**PRESS RELEASE**

**Decentralized solution for healthy room climate: profine presents its ventilation system with heat recovery „PremiVent“ on the occasion of the BAU 2011 trade fair**

*profine will exhibit the novel ventilation system "PremiVent" with heat recovery at the BAU trade fair in Munich (hall C4, stand n° 309) from 17 to 22 January 2011. The innovative product was developed together with Zehnder Group, the European market leader for comfort ventilation systems. "PremiVent" offers an efficient solution, in particular for modernizing existing buildings, and is compatible with the profile systems of the three brands KBE, Kömmerling and Trocal.*

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profine, world market leader for plastic window profiles, with its brands KBE, Kömmerling and Trocal, is considered as the pioneer on the ventilation sector, and, also this time, actually can present a novelty: "With 'PremiVent', we can offer, for the first time, a high performance heat recovery option which is perfectly adapted to our window systems", explains Alexander Glück, Innovation Manager at profine.

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The innovation is the perfect economic solution for modernization of existing buildings, where the subsequent installation of a central ventilation system would be too expensive and too complicated. "PremiVent" used in several rooms can provide for a performance which is similar to these central systems. "We have interviewed representatives of the housing industry and window manufacturers, and their input was incorporated into the development", states Alexander Glück.

The ventilation system which is locally integrated adjacent to the window element controls room climate and, as a high end product, reduces energy consumption. When installing "PremiVent", landlords can avoid mould which might form as a result of wrong ventilation behaviour of the inhabitants. On the other hand, tenants do not have to be afraid of cold air entering the room, as 80 % of the heat are recovered by an enthalpy exchanging device – which is an up to 100 % higher performance level compared with traditional window ventilation systems.

The innovative enthalpy exchanging device guarantees a comfortable air humidity level by using room heat to partially transmit condense water ecologically to the supplied air by a membrane. Thus, it is not necessary to evacuate condensate with high effort via the façade as traditional systems do.

"PremiVent" not only contributes to more energy efficiency but, to the same extent, to living comfort. Mucocutaneous irritations which may be caused by dry air in heated rooms are relieved, an optional pollen filter can provide for a healthy atmosphere, even for allergic persons.

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"PremiVent" can be controlled by selecting air quantity and complies with all requirements with regard to sound insulation. Noise from the outside is efficiently deadened, as the system works when the window is closed, and inherent noise is so little that it is not sensed as annoying – even in bedrooms.

Installation of the box is made together with the window, the ventilation device is simply inserted and connected when all other works are terminated. Thus, "PremiVent" offers additional chances in contract business for window manufacturers of the KBE, Kömmerling and Trocal brands – especially considering increasing requirements in energy savings.

profine Group will be represented at the world's leading trade fair for architecture, materials and systems in *hall C4, stand n° 309* with its three brands KBE, Kömmerling and Trocal. Besides "PremiVent" the world market leader will also present, among others, its high thermal insulation 88 mm window systems. Furthermore, the team of the profine competence centre will showcase its comprehensive service range for architects and specifiers and can be contacted in case of questions.

Together with other solutions for comfort ventilation, "PremiVent" will also be exhibited by Zehnder Group at the BAU 2011 – in hall B2, stand n° 537.

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"PremiVent", the innovative ventilation system with heat recovery for the brands KBE, Kömmerling and Trocal, guarantees a healthy room climate and recovers up to 80 % of the heat with an enthalpy exchanging device. The system was developed together with Zehnder Group, the European market leader for comfort ventilation.

#### About profine:

profine GmbH - International Profile Group - is the world-wide leading manufacturer of plastic profiles for windows and doors as well as a notable supplier of shutter solutions and PVC sheets. The company was established in 2003, when HT TROPLAST consolidated its profile business activities (KBE, KÖMMERLING, TROCAL) under one roof.

profine has a total of 3,350 employees at 28 locations in 21 countries. Around 2,000 of these employees work in Germany.

The production sites are located in Germany, France, Italy, Spain, Russia, Ukraine, the United States and China. The company headquarters is in Troisdorf (North Rhine-Westphalia, Germany).

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