

RENSON® & the environment



RENSON®, trendsetter in ventilation, sun protection and terrace coverings, develops and manufactures innovative solutions and concepts, which improve the working and living conditions of people and at the same time cut energy costs – Creating healthy spaces. RENSON® stands for innovation and communication. An extensive R&D department continuously puts the latest trends into innovative solutions. Our program consists of window ventilators and ventilation systems, louvers and louver panels, aluminium solar shading and screens, terrace coverings and hinges. Today, RENSON® counts about 650 employees. More than 70 technical advisors and a network of distributors all over the world support the local contacts. Recently, we have opened our new experience and meeting center EXIT 5, located at the headquarters in Waregem (Belgium). In 2003 the building was crowned with the 'Aluminium Environment Award' and in 2009 with the 'Green Good Design Award'.

- **Environmental impact**



RENSON® cares about sustainability and the environment. Offices as well as a production area, including automatic powder coating installation, anodisation unit, moulding center, plastic injection moulding facilities, assembly and warehouse are all positioned within modern and ecologically sound facilities with a surface of about 90.000 m². These facilities are CO₂ neutral on the level of electricity use. The roofs of the RENSON® Headquarters and production facilities are equipped with more than 15.000 m² solar panels with a total capacity of almost 3.325 KWp, which equals the total annual consumption of about 1.000 families. Further, the integrated ventilation and sun protection systems lead to a good indoor air quality, a comfortable temperature and an energy-saving natural cooling. Both the energy use and the CO₂-emission is reduced by 70 % compared to standard offices and production areas.

Moreover, the innovative ventilation and solar shading solutions of RENSON® result in an increased sustainability of domestic and non-domestic buildings. By integrating demand-controlled ventilation, intensive ventilation (nightcooling) and/or sun screens and aluminium solar shading energy use and CO₂-emission in non-domestic buildings (offices, industrial buildings, schools, healthcare, ...) can be reduced up to 12 %, in domestic buildings (dwellings and apartments) even up to 30 %.

In addition, the materials used in production, such as aluminium, can be fully recycled and are based (partly or completely) on recycled raw materials. Production waste, such as aluminum parts, are sorted and recycled. All materials are hardwearing and extend the durability of the products, and recycled and biodegradable materials (cardboard) are used for packaging the products.

RENSON® Headquarters

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- **Quality control**



During production the quality of all units is controlled to meet the requirements of our internal quality control system. Further, all products meet the international standards, such as EN12020-2 and EN573-3 for the aluminium profiles. RENSON® develops and tests its products according to the Belgian and/or European standards: CEN/TC 156 for ventilation, CEN/TC 33 for solar shading and Eurocode 9 for aluminium constructions, such as continuous louvre systems and terrace covers.

- **Health & Safety**



For the prevention of accidents, injuries and professional diseases in the workplace, RENSON® is following the technical and organizational measurements as described in the ARAB (Algemeen Reglement voor de Arbeidsbescherming – General Regulation for the protection of people in workspaces). Accidents and injuries are reported immediately, allowing to take measures to prevent the same situation in the future.