

Itella's Logistics Centre

According to Itella's environmental values, energy efficiency is one way the company can reduce its carbon footprint. The building's air tightness rate (n50) was 0.15 1/h ($q_{50} = 0,7 \text{ m}^3/\text{h}, \text{m}^2$).



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Partners

- Investor: Itella Real Estate
- Lead contractor: Hartela



Itella's logistics centre exceeded air tightness expectations

External walls built using Ruukki's energy panel system. Annual energy savings of €25,000 - €40,000.

Energy panel system pays for itself in a few years

- The walls of the logistics centre were built using Ruukki's energy panel system, which can reduce the annual energy bill by €25,000 - €40,000.
- The building's air tightness rate (n50) was 0.15 1/h (q50 = 0,7 m³/h, m²), which is considerably better than the 0.9 rate guaranteed.
- The logistics centre is 548 metres long, 122 metres wide and about as high as a 3-storey building.

"Energy saving was the main motive for choosing energy panels . In a building this size, any shift towards energy efficiency generates significant savings," explains *Ville Jokela, Development Director at Itella Real Estate Oy.*

