



# HEALTHY AND COMFORTABLE LIVING

Energy-efficient heating and cooling  
with the radiant ceiling system



## WHY ITUGRAF?

### NEXT-LEVEL COMFORT

ItuGraf ensures that you always have a pleasant, even temperature. The hydronic radiant ceiling system heats and cools the space discreetly without causing any draughts or noise. The system is suitable for people with allergies as it does not circulate contaminants in the air, and it has no surfaces that require cleaning.

### EFFICIENT USE OF SPACE

The ceiling-mounted system does not interfere with the placement of furniture, doors and windows as it does not take up any space on the walls. The panels are either mounted on the ceiling surface with patented surface brackets or recessed into the ceiling.

### ENERGY SAVINGS

Fast response to adjustments and efficient radiant heating/cooling save a significant amount of energy – and it is better for the environment.

### COST EFFECTIVENESS

One terminal device solves both heating and cooling requirements. The ItuGraf system is long-lasting and its operating costs are exceptionally low.

### LOW MAINTENANCE

The durable system does not have any fan motors, which would wear out, or filters, which would require cleaning and replacing. It also does not need condensate drainage for cooling.

### QUICKER BUILDING PROCESS

When you choose the ItuGraf system, you will not need to build thick intermediate floors or wait for screed and coatings to dry, which means that the construction process can progress more quickly.



**ItuGraf panels blend seamlessly into the ceiling. The panel comes in a variety of sizes, colours and surfaces, so you are sure to find the right style for your home.**

**ituGraf®**

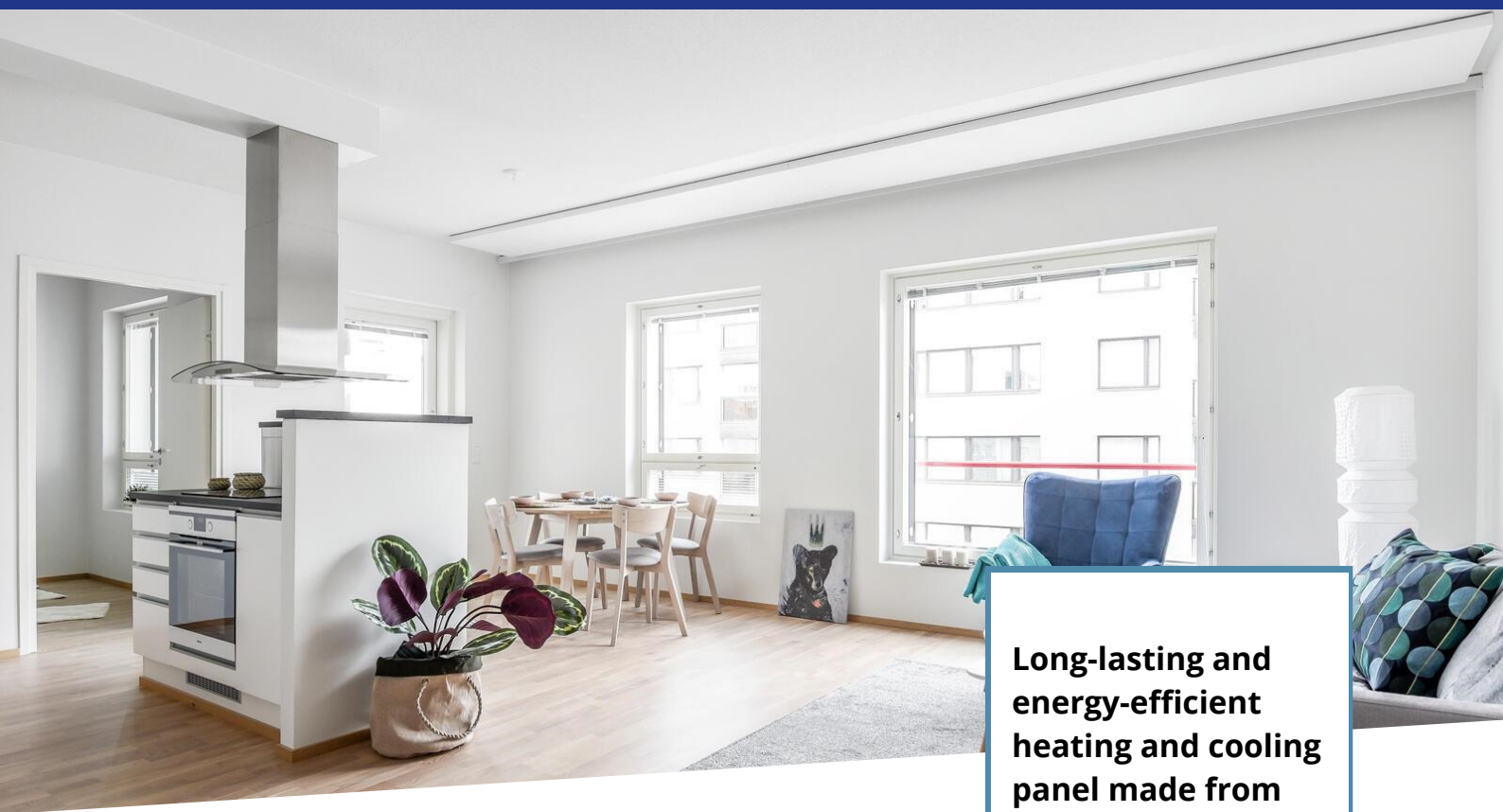
## COMFORTABLE LIVING CONDITIONS GUARANTEED

The ItuGraf radiant ceiling system combines energy efficiency with excellent indoor climate. The system both heats and cools residential building cost-effectively.

Good indoor climate have been proven to have a significant impact on people's comfort and health. The ItuGraf panel system offers an even temperature at all times and draught-free cooling, which significantly improves living conditions in summer, ensuring that your home is always comfortable.

The fanless ItuGraf system is ideal for people with allergies as it does not circulate dust and contaminants in the air. The panel also has no surfaces that require cleaning.

The easy-to-use automation allows you to adjust the temperature exactly to your liking. The temperature in each room can be adjusted individually, within the limits set by the housing company.



**Long-lasting and energy-efficient heating and cooling panel made from recyclable materials in Finland is an environmentally friendly choice.**

**ituGraf®**

## **PROVIDES SAVINGS DURING CONSTRUCTION**

The ItuGraf radiant ceiling system starts bringing savings during the construction phase. The process runs more efficiently as there is no need to build thick intermediate floors or wait for creed and coatings to dry.

The ItuGraf system is long-lasting and maintenance-free. The system does not have any parts that need to be replaced or cleaned, and it does not require condensate drainage. ItuGraf is compatible with all energy sources. It is ideal for thermal management in both new buildings and refurbished sites.

The ItuGraf low-energy system is an economical option in terms of both investment and operating costs. Its ability to quickly respond to changes in external and internal heat loads make heating and cooling efficient. Compared to underfloor heating, the panel system can save energy by about 10 percent per year.

Manufactured from 100% recyclable materials, the ItuGraf system has a CE marking and has been tested in an accredited testing laboratory in accordance with standard EN 14037.

**Would you like to learn more? Contact us:  
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