

The Honka Fusion™ massive wood house now available with stone cover

The unequalled frame solution **Honka Fusion™** by the world's largest log house manufacturer **Honkarakenne Oyj** combines the best qualities of massive wood with other construction materials in a new way. The Honka Fusion™ concept now enables building a low-energy and healthy massive wood house using a stone cover, thus adapting the building style to fit in urban stone house areas characterised by modern architecture. The innovative Honka Fusion™ frame solution has already been in successful use for a couple of years. It has been applied in unique low-energy premium houses, for example in France and Switzerland where architects have enthusiastically welcomed this construction method offering new dimensions and possibilities for design.



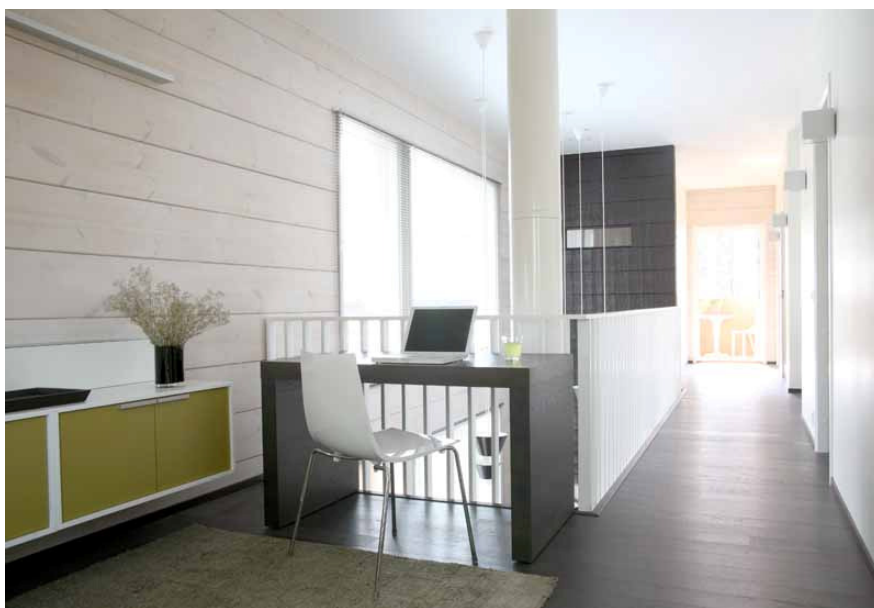
According to **Ville Annila**, Head Architect at Honkarakenne, Honka Fusion™ is suitable for new projects involving structural challenges and architecturally well-defined houses. The construction style, however, may vary from traditional to ultramodern. "With this construction method, we can re-enter the very hearts of cities where detached housing was typically dominated in the past by log-framed single-family houses. A prime example of this in Helsinki is the classic Puu-Käpylä ('Wood Käpylä') district built in the 1920s, with the old houses still being inhabited," says Ville Annila.

Finland enjoys the second generation of Honka Fusion™

Honkarakenne is the only log house manufacturer capable of delivering a low-energy house in massive wood suitable for sites next to stone houses. The non-settling laminated log used in Honka Fusion™ was originally launched by the company in its Finnish Honka Rock house, introduced in a housing fair in 2007. Honka Rock was an urban single-family house with massive log frame, designed by Honkarakenne Head Architect, with an annexed stone-framed wing incorporating a sauna. The concept of alternating the breathing massive logs with a stone surface both inside and on the exterior walls is based on the materials' functionalities. Massive wood can be left visible, for instance in reception rooms and bedrooms, where its effect on the indoor climate is reflected in residents' health.

Instead, for humid environments, it is natural to select stone or tiles for inside walls. Then, the massive wooden section remains visible in the facade. "While a stone-surface Honka Fusion™ home is made

from a combination of materials, it retains the excellent characteristics of natural and sustainable massive wood, such as environmental-friendliness, energy-efficiency and excellent indoor climate,” ensures **Eino Hekali**, Vice President, Design and R&D, Honkarakenne.



The wall structure, made of natural material and without plastic, is a breathing structure, enabling the inside air humidity to remain at an ideal level in terms of health. For this very reason, massive wood houses are suitable for people with allergies or asthma and anyone valuing a quality climate indoors. In addition, wood dampens noise coming from outside the house efficiently, creating an acoustically pleasant atmosphere inside – a feature highly appreciated by urban single-family house dwellers in particular.

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Honkarakenne Oyj briefly

Under the Honka® brand, **Honkarakenne Group** is the world leader in manufacturing and marketing of genuine wood houses. The Honka product portfolio focuses on healthy living, innovative structural solutions and energy efficiency, and ranges from homes, holiday houses and saunas to extensive projects, such as hotels, restaurants and holiday villages. Since 1958 has Honkarakenne delivered over 75,000 products to more than 50 countries. Manufacturing takes place at the Finnish mills in Karstula and Alajärvi. The Group headquarters are located in Tuusula. In 2010, the Group's consolidated net sales amounted to EUR 58.1 million, export net sales accounting for 53% of the total. The Group employs some 290 people and its sales network covers over 30 countries. Subsidiaries operate in Germany, France and Japan. Honkarakenne Oyj is a listed company with strong family traditions. The company's B shares are listed on NASDAQ OMX Helsinki Ltd in the Small Cap segment.
www.honka.com