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# Durable & Environmentally Friendly Log Homes

Kontio log homes are made to last from generation to generation. Our aim is to continue the 200 to 300 years old log house tradition with today's solutions. The long life of a log house is based not only on Arctic Pine being a very durable and weather-resistant material, but also on the innovative technical solutions specifically developed to meet the requirements of log structures. Long-lived log home is an excellent investment as well as an ecological choice. A log house consumes energy sparingly, and the massive wood construction functions as a carbon storage slowing down the climate change. In the production process no waste is produced since excess parts of the raw material are used as an energy source or processed further as paper and other products. Building a Kontio home is a truly pro-environmental option.

# Leading Technology & Energy Efficient Solutions

The strength of Kontio lies in the precise mastery of the entire production process. We manage all phases from forest and careful planning to finished buildings. The manufacturing process of building components is monitored according to stringent quality standards all the way from timber to ready-for-installation log structures. Log fabrication is based on the latest innovations including robot technology and laboratory testing, which guarantee the first-class quality of each Kontio log house.

The successful R&D work of Kontio is based on strong in-house engineering know-how and 40 years of experience, which have produced a wide range of exemplary energy-efficient innovations. Log profiles, joints and the patented sealing system for air and watertight structures and technical solutions are perfectly fit for even the toughest climatic conditions. Kontio Log Houses are manufactured in accordance with the requirements of the European technical approval (ETA-05/0119) respecting the tight thermal regulations everywhere in Europe.

# Kontio Healthy Living<sup>TM</sup>

Arctic Pine felled from clean natural forests of Northern Finland is the basis of Kontio Healthy Living. Arctic Pine grows slowly because of the long winter, thus having more time to form a dense core of durable heartwood making it stronger material. Wood material balances indoor air by absorbing excessive moisture and releasing it back when needed in order to maintain the optimal humidity content for human health. The breathing structure of Arctic Pine provides an excellent indoor air quality helping you to breathe easier, sleep and feel better. Similarly room temperature is naturally balanced to a comfortable level of healthy living. In addition to physical well-being massive wood material also boosts concentration, learning and creativity. International research shows that wood lowers the heartbeat and blood pressure rates, thus having a calming and stress-relieving effect LOGHOUSES Wood has a positive effect on human mind and body, in other words - Health.

# Kontio Architecture and Design

Visual integrity of interior space and a carefully considered outer appearance are essential parts of the whole. Elegant, inimitable architecture, seeking inspiration from nature and the vast potential of the material, is the cornerstone of each unique Kontio building. Kontio creates ageless architecture that turns into classics, offering everything from cosy and warm family spaces to luxurious interiors abundant with details or to elegant epitomes of Scandinavian simplicity and purity. Kontio has an extensive line of ready-designed house models. Co-operation with architects around the world offers fresh perspectives and new approaches on how to make use of Arctic Pine in the best possible way. Unique buildings created by talented architects and realised through world-class Kontio know-how are the masterpieces of timeless design.







comes from well and responsibly maintained Finnish forests, where more wood grows each



Kontio Log Profile™ is made from durable Arctic Pine and created with decades of experience of log technology to withstand all weather conditions from arctic freezes to monsoon winds and rain. Contact your local Kontio Expert to see all size options for any kind of project.



Kontio has the European Technical Approval that enables the CE marking of log house kits together with the quality system.







Natural and breathing material balances indoor air humidity and temperature providing excellent air quality that helps you breathe easier, sleep sounder and feel







Challenging large-scale projects require the finest engineering know-how and innovative solutions, and the very same approach is applied in our private home





### Kontio Log Houses from Finland Since 1973

Kontio is the world's biggest log house manufacturer.

During the past 40 years over 40,000 log buildings have been manufactured in our modern factory for various purposes. Up to 15 truckloads of freshly felled Arctic Pine logs are brought to the Kontio factory each day. We operate globally and deliver approximately 2,000 buildings annually to more than 30 countries.

The most significant export shipments go to France, Russia and Japan.

Kontio has a network of certified dealers around the world. They are the experts of log construction, who provide needed services and stand by the customer's side during the entire building project. Kontio delivers anything from single-family detached houses and holiday homes to entire villages, schools and complex churches.

Kontio is a company dedicated to developing homes for wellbeing and durability.

Find your local Kontio Expert www.kontio.com



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