FLOORING SYSTEMS

creating better environments

Kronanbacken

Customer The company Eljest AB is owned and run by architects with links to Nordmark & Nordmark arkitekter AB in Luleå and Skellefteå. The 3 chain houses on Kronanbacken were the architects' first project under their own control. The company's basic philosophy is to create sustainable and affordable housing with high quality, Eljest wants to offer a lot of architecture for the money. With close cooperation with entrepreneurs can design weighed against the economy and long-term sustainability. Architects/interior designer Adaptation to the site and proximity to nature were fundamentals of the entire project, and the site's remarkable surroundings proved to be its greatest strength. The linked houses follow the slope, enjoying constant views of the forest thanks to windows that frame the landscape and direct the daylight in different ways. The stepped arrangement of the houses provides visual contact with the outdoor environment in its varying weather conditions as well as sheltered patios. The colours, materials and textures are inspired by the barren, rocky pine forest of Ormberget behind the houses. Sustainability from all aspects has permeated the process. An important goal based on social sustainability has been flexibility, the houses should be used in different ways and adapted to the needs of the residents. Materials and structure of walls, floors and ceilings have been carefully evaluated on the basis of environment, quality of housing and economy. The houses are built with wood frame and cellulose insulation. The wood facade is treated with iron vitriol to blend in with the forest while reducing the need for maintenance. The walls and ceilings of hard waxed pine panel and untreated pine plywood together with the linoleum flooring provide a light and warm interior which is at the same time robust. Product choice Linoleum flooring was a natural choice in this context because of its durability, aesthetics and functionality. It is a largely natural material with little environmental impact during the manufacturing process and a long working life. So it is also good from a life cycle perspective. Another advantage is that the flooring works well with underfloor heating. The product Marmoleum Cocoa was chosen for its subtle but distinct texture, which gives it a natural beauty and counteracts visible soiling on light-coloured surfaces. Results Quote from Josefina Nordmark,

Project name	Kronanbacken
Architect	Nordmark & Nordmark arkitekter AB
Date of completion	September 2019
Commissioned by	Eljest AB
Photographer	Jonas Westling
Flooring contractor	Bra Golv, Luleå (UE)
General contractor	Vittjärvshus
Location	Luleå

Marmoleum
Cocoa
white chocolate