



*Rely on it.*

# The house of tomorrow today.

RENOLIT ALKORDESIGN



# House of Tomorrow Today...

## CHALLENGE + SOLUTION

Before your imagination runs away with you: **HoTT** stands for **House of Tomorrow Today**. This new Dutch concept is based on both the *Smart Building* and *Active House* principles. It tries to gather recent innovations as well as new technological developments in one project, entirely in line with future market trends.

From the very beginning HoTT gathers together all parties involved in order to have a smooth running building process and thus limiting the number of contacts and intermediaries. Compared with traditional building methods this optimal cooperation already results in at least a 30 % cost reduction. Also it is worth mentioning the construction itself - HoTT strives for prefabrication and modular building components, resulting in a decrease of project schedules, project budget and construction site waste. Although prefabrication had over time developed the stigma of cheapness and poor quality, it has nowadays been turned around into a green trend in construction.

The first HoTT healthy home in the Netherlands has just been completed. Comfort, energy and technology are the main issues. It is a house with comfortable living conditions, a lot of natural light and fresh air, and, above all it is energy neutral, modular and durable, reducing its ecological footprint. Electrical wiring, plumbing and wall components can all be easily adapted for the future needs of the building.

Both sloping roofs are prefabricated steel frame structures with insulation, vapour barrier and roof covering already included, allowing a fast and easy installation. The less sloping, south facing roof has a **RENOLIT ALKORPLAN** PVC roof cover-

ing, provided with aesthetic **RENOLIT ALKORDESIGN** roof profiles. Also part of the roof has solar panels which have been installed using **RENOLIT ALKORSOLAR** profiles.

The building is being constantly evaluated by means of sensors gathering data to continuously improve and develop future HoTT buildings. The concept will not only be applicable for detached housing, further developments will also aim at terraced houses, schools, hospitals, etc.

This project proves once again **RENOLIT** is a reliable "green" partner, a company that is responding to the growing demand for ecological products by offering sustainable building materials. It's the first HoTT of hopefully many more...



## PRIVATE HOUSE

- Sterksel, Holland
- KAW Architecten, Eindhoven

## PRODUCTS

- RENOLIT ALKORDESIGN
- RENOLIT ALKORSOLAR