PROJECT

SHELTER FOR HOMELESS WOMEN

LOCATION
Barcelona, Spain

PUBLIC BUILDINGS

ARCHITECTURE
WITH SOCIAL MISSION

The residential center provides space for one hundred homeless women. It serves as a first point of contact for social reintegration and offers support in various areas of life such as education, work, health and social affairs. The building is designed as a rectangular, three-storey structure surrounded by a garden, which is extended into terraces and lounge areas through cuts in the building. These encourage social interaction and create a pleasant quality of stay. The central element of the project is the construction method using KLH® – CLT, which is both a load-bearing element and a design element. The façades consist of rear-ventilated aluminium cladding on KLH® walls with additional thermal insulation. It was possible to design a nearly zero-energy building with BREEAM Excellent rating. Overall, the residential center is a pioneering social architecture project. It shows how sustainable construction, modular planning and social commitment can be combined. The targeted use of cross-laminated timber not only gives the building structure, but also character – warm, open and human.

PROJECT INFO
Volume of KLH® – CLT: 6.249 m² / 830 m³
Stored carbon: 633 tonnes
Regrowth time in Austria: 14 minutes

ARCHITECTURE

Vivas Arquitectos
www.divisare.com

CONSTRUCTION

Manuel Arguijo

TIMBER CONSTRUCTION

Velima System SL
www.velimasystem.com

PHOTO CREDITS

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