

New Building Construction to Low-Energy Standard (“La Clairière” – Social housing project in Bétheny, France)



Product:
Neopor®

Application:
Thermal insulation composite system
Basement ceiling insulation



An innovative and energy-efficient building structure need not be a privilege, as shown by the “La Clairière” project. As a partner of the “Le Foyer Remois” social housing company, BASF participated in the construction of a new residential building with 13 units to a low-energy standard located in Bétheny near Reims. A thermal insulation composite system and basement ceiling insulation made of Neopor®, plus triple-paned windows, retain heat in the building. Concerning the technical equipments, a ventilation system with heat recovery has been installed, as well as solar panels for the domestic hot water production. The building, which was completed 1.5 years ago, consumes only 15 kWh of energy per square meter per year for heating, as shown by a monitoring system.

