

## Reference Object “3-Litre House in Ludwigshafen/Germany”

Roof insulation, basement ceiling insulation, external thermal insulation composite system (ETICS) with insulation materials made of Neopor®

- First 3-litre house in Europe from BASF Bauen + Wohnen
- Innovative building materials for renovating old buildings
- Heat requirement has been reduced by around 80% to 30 kWh/ m<sup>2</sup>a through:
  - Insulation measures
  - Controlled ventilation systems
  - Triple-glazed windows
- “In our climate zone, it’s always a good thing when the heat stays inside. And we hardly ever have to turn on the heating, only on a few really cold days in the winter. [...] We’ve benefited enormously from the insulation and the ventilation system.”

Peter Doland, Tenant

