

## Reference Object “Doktornberg in Hamburg/Germany” Cavity insulation with Neopor®

- Villa built in 1928 (stories with a basement and unfinished hipped roof)
- U value of uninsulated façade: 1.64 W/m<sup>2</sup>\*K
- Facade surface of 256 m<sup>2</sup> exhibited high energy losses
- Injection nozzle blows prefoamed Neopor® and water-based adhesive into the wall cavity
  - Avoiding changes in the building’s external appearance
  - Reparation of damaged joints
- U value of the insulated façade: 0.38 W/m<sup>2</sup>\*K (heat loss through the façade has been reduced by 77%)
- “Cavity insulation was the ideal solution, as all of the requirements were met by one single product.”

Georg Seimel, proprietor of EuGon Consulting GmbH, Energy Consultancy

