

Basement Ceiling Insulation in Multi-family House in Ludwigshafen, Germany

- Energy-efficient renovation of the basement ceiling of a multi-family house built in 1927 with 30 living units
- Total basement ceiling area: approx. 800 m²
- Insulation thickness: 10 cm with WLG032
- Insulation boards in sandwich-design:
 - 95% made of Neopor® for an optimal energy efficiency
 - 5% made of Styropor® for compressive strength and aesthetics
- Birgit Fauss-Schaaf, project lead:

“There are clear benefits in the greater living comfort for the ground-floor flats—the floor is significantly warmer. Insulating the basement ceiling additionally contributes to overall energy savings: the tenants benefit from lower energy costs.”

