Reference
Office building D105 in Ludwigshafen (D)

Project
BASF’s office building at Ludwigshafen will open in 2015. It provides conference rooms, canteen with separate restaurants and multifunctional office space for more than 1200 employees.

BASF solutions used
- Styrodur C for ground floor insulation
- Admixtures in Green Sense Concrete for floor slab
- MasterTop for floors in service and sanitary rooms
- Neopor insulation boards for terrace roofs
- Slentex insulation for demonstration area in facade
- Ucrete flooring systems for utility rooms
- Micronal PCM latent heat storage in ceilings
- Basotect acoustic panels in external wall elements
- Relést powder and pigments for facade panels

The new office building also demonstrates BASF’s sustainable approach for buildings and is going to be certified in gold by DGNB*.

*Deutsche Gesellschaft für Nachhaltiges Bauen
Reference
Bäderhaus at BASF in Ludwigshafen (D)

Project
The ‘Bäderhaus’ within the BASF site provides locker rooms and sanitary units for BASF employees, storage rooms as well as social and administrative offices for the operator.

BASF solutions used
- Styrodur C for perimeter insulation
- Seccoral seal slurry for sanitary rooms
- Abuflex and Durapox NT tile adhesives for sanitary rooms
- Nanofug and Durapox as grouting
- Neopor for EIFS at facades
- Relest Powder PE for aluminum windows
- Elastopor H for flat roof insulation boards
- MasterTop for floors in locker rooms

As an internal construction project, built in 2014, there was a special approach of using BASF products.
Reference
New Laboratory B 007 in Ludwigshafen (D)

Project
The new built laboratory B 007 at the BASF site aims to integrate standard products as well as innovative products and solutions to test and demonstrate their functionality.

BASF solutions used
- Slentex with aerogels at facade
- Styrodur C for perimeter insulation
- Neopor for impact sound insulation boards
- Admixtures for glass-fiber reinforced concrete for facades
- EControl-Glas, switchable solar control glazing for the alley

New Lab building at the Ludwigshafen site will be opened in 2015.
## Energy efficient buildings with BASF products

### References in Europe

<table>
<thead>
<tr>
<th>Country</th>
<th>Location</th>
<th>Project</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>3-liter-house, 2001</td>
</tr>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>Office building D 105, 2015</td>
</tr>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>1-liter-houses, 2004</td>
</tr>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>1-liter-houses, 2004</td>
</tr>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>Zero-Heatcost-House, 2006</td>
</tr>
<tr>
<td>Deutschland</td>
<td>Ludwigshafen</td>
<td>BASF-Ludwigshafen</td>
<td>Laborgebäude, 2015</td>
</tr>
<tr>
<td>Frankreich</td>
<td>Lieusant</td>
<td>Passive houses</td>
<td>2014</td>
</tr>
<tr>
<td>England</td>
<td>Ravenscraig</td>
<td>Visitor center</td>
<td>2011</td>
</tr>
<tr>
<td>Russland</td>
<td>Akademitschesky</td>
<td>Low energy buildings</td>
<td>2012</td>
</tr>
<tr>
<td>England</td>
<td>Nottingham</td>
<td>BASF House</td>
<td>2008</td>
</tr>
<tr>
<td>Russland</td>
<td>Dilovasi</td>
<td>Office building</td>
<td>2012</td>
</tr>
<tr>
<td>Russland</td>
<td>Dilovasi</td>
<td>Low energy buildings</td>
<td>2012</td>
</tr>
<tr>
<td>Frankreich</td>
<td>La Clairière</td>
<td>Passive houses</td>
<td>2014</td>
</tr>
<tr>
<td>Frankreich</td>
<td>Betheny</td>
<td>Low energy houses</td>
<td>2010</td>
</tr>
<tr>
<td>Frankreich</td>
<td>La Clairière</td>
<td>Low energy houses</td>
<td>2010</td>
</tr>
<tr>
<td>Frankreich</td>
<td>Lieusant</td>
<td>Passive houses</td>
<td>2014</td>
</tr>
<tr>
<td>Russland</td>
<td>Dilovasi</td>
<td>Low energy buildings</td>
<td>2012</td>
</tr>
<tr>
<td>Russland</td>
<td>Dilovasi</td>
<td>Olympic winter games</td>
<td>2014</td>
</tr>
</tbody>
</table>

### Additional Information

- **Frankreich Lieusant**: Passive houses, 2014; Low energy houses, 2010.
- **England Ravenscraig**: Visitor center, 2011.