# Covestro Germany AG

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

Covestro is one of the world's leading manufacturers of high-tech polymer materials. Our products and solutions can be found in virtually all areas of modern life and are used in many key sectors such as mobility, construction, electrical and electronics.

Covestro is one of the world's leading polymer manufacturing companies. Its products for the construction industry include all the raw materials, additives and flame retardants needed to manufacture customised insulation boards made of rigid polyurethane foam (PU). Building insulation materials made of polyurethane foam are an interesting option for energy efficiency and reduced thickness. Compared to conventional insulation materials, polyurethane offers the greatest insulating effect due to its extremely low thermal conductivity. Due to their high adhesion capacity, polyurethane systems can be provided with cover layers of surface-finished aluminium or steel sheets or glass fibre-reinforced composite materials during the foaming process and thus be used as the core material of sandwich elements.

Kaiser-Wilhelm-Allee 60
51373 Leverkusen
North Rhine-Westphalia
Germany
www.covestro.de

**Organisation type**
Large enterprises

**Sector**
Others: Chemie

**Employees**
500 and more

**Turnover**
More than €50m

**Funding**

# Covestro Germany AG

## About this organisation

| | |
|---|---|
| **Main areas covered** | Manufacturer of raw materials, Research for lightweight components |
| **Infrastructure** | |
| **Certifications** | |
| **Keywords** | |
| **Memberships** | |

## Overview of lightweighting expertise

### Machine translation

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| | Research | Development | Manufacturing & Supply |
|---|---|---|---|
| **Offer** | | | |
| *Products* | | | |
| *Services & consulting* | | | |

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## Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|---|---|---|---|
| **Field of technology** | | | |
| *Design & layout* | | | |
| *Functional integration* | | | |
| **Measuring and testing technology**<br>Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis | ✓ | ✓ | |
| **Modelling and simulation**<br>Crash behaviour, Loads & stress, Life-cycle analysis, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Materials, Reliability validation | ✓ | ✓ | |
| *Plant construction & automation* | | | |
| *Recycling technologies* | | | |
| **Manufacturing process** | | | |
| *Additive manufacturing* | | | |
| *Coating (surface engineering)* | | | |
| *Fibre composite technology* | | | |
| *Forming* | | | |
| *Joining* | | | |
| *Material property alteration* | | | |
| *Primary forming* | | | |
| *Processing and separating* | | | |
| *Textile technology* | | | |

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## Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|---|---|---|---|
| **Material** | | | |
| *Biogenic materials* | | | |
| *Cellular materials (foam materials)* | | | |
| **Composites**<br>Carbon-fiber reinforced plastics (CFRP), Others (Metal composite elements) | ✓ | ✓ | |
| *Fibres* | | | |
| *Functional materials* | | | |
| *Metals* | | | |
| *Plastics* | | | |
| *Structural ceramics* | | | |
| *(Technical) textiles* | | | |

## Contacts

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## Contacts


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