

## ACC Beku GmbH



### SHORT DESCRIPTION

As part of the new construction project for ACC Beku, BBV manufactured, delivered, and successfully installed and tensioned L1P tendons for the floor slab to ensure the structural integrity of the building. The floor slab is divided into a WHG-compliant area for the storage of chemicals and a standard industrial floor typical of a warehouse.

### THE PROJECT

ACC beku GmbH, based in Edenkoben, specializes in the development, manufacture, and distribution of specialty chemical products.

Its product range includes, among other things, paint strippers, varnish removers, and graffiti removers. In addition, the company offers contract filling of chemical products as well as manufacturing according to customer-specific formulations.

Production encompasses the development, manufacturing, quality control, and packaging of products for various industrial applications.

### SERVICES IN DETAIL

- Prestressed floor slab consisting of:
  - 2.076 metric tons of prestressing steel
  - 113 L1P tensioning anchors
  - 113 L1P fixed anchors
  - Manufacturing, delivery, and installation of the prestressing tendons

- Production of precast tendons in Germany
- Bobenheim-Roxheim: Prestressing and sealing of the tendons

## CHALLENGES

- Waterproofing of the foundation slab in accordance with WHG requirements

## SUSTAINABILITY

- Reduced Reinforcement Requirements Through Prestressing
- Elimination of the need for surface coating through prestressing of the floor slab

## FACTS

|                                                        |                                          |
|--------------------------------------------------------|------------------------------------------|
| <b>Location</b>                                        | In den Seewiesen 10, Edenkoben , Germany |
| <b>Status</b>                                          | completed                                |
| <b>Construction volume<br/>(value of our services)</b> | 25,000 EUR                               |
| <b>Start of construction</b>                           | January 2019                             |
| <b>Completion</b>                                      | January 2019                             |
| <b>Building owner</b>                                  | ACC Beku GmbH                            |
| <b>Contracting entity</b>                              | Gräber Bau GmbH                          |
| <b>Planning</b>                                        | Ingenieurbüro Dipl. Ing (FH) Frank Roth  |



<https://www.bbv-systems.com/en/projects/detail/ref/acc-beku-gmbh-in-den-seewiesen-10-67480-edenkoben/>

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