

Hering Architectural Concrete



Recycled concrete

The future of construction

Sustainability

Mineral waste is used as aggregate for concrete.

Design element

Broken old concrete always creates different colors

Architectural charm

The reflection of the deconstructed old structure in components of the new building.

An active contribution to environmental protection

In the case of recycled concrete (RC concrete), mineral construction waste - for example from the demolition of buildings - is processed and used as aggregate for concrete production. These processed materials are used as a substitute for the gravel or

crushed natural stone contained in the concrete. Both the use of crushed old concrete and the use of crushed masonry and bricks are possible. As a result, various interesting colors are available.

Your benefits

- Architectural appeal
- Sustainable construction is directly visible with appropriate surface treatment
- Emission- and energy-intensive production of cement is reduced



Pictures: Hering AC/Fotodesign Andreas Braun

Reference project: Korbach town hall

The city of Korbach, which was the principal, wanted to create a building ensemble that was also sustainable and energy-efficient in addition to being open and citizen-friendly. HERING Architectural Concrete was therefore commissioned to produce a suitable façade using exposed concrete. And it was important to the town's representatives that recycled concrete (RC) was used. A total of 260 panels were manufactured at HERING's prefabrication plant for this project. The panels were

blast-finished. The desire was to use the red roof tiles from the demolished building as the colouring component to produce a slightly reddish tinge in the concrete. The existing material was crushed, screened, washed and processed in a crushing plant once the materials had been sorted after demolition. It was possible in the end to use more than 62% of the demolition material for the new building!