

# APPLICATIONS.

We offer complete and practical solutions for numerous aggregates, such as

**Multi-level cyclone preheater**  
• With and without calciner  
**Kiln hood**  
**Cooler**



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## CEMENT.

MADE IN PLETTENBERG

[www.beka-feuerfest.de](http://www.beka-feuerfest.de)

 **Beck  
u. Kaltheuner**  
FEUERFESTE ERZEUGNISSE



**TODAY AND IN FUTURE.  
TOGETHER.  
TECHNOLOGY.**

... Progress made in Plettenberg.

// TODAY AND IN FUTURE

# ABOUT US.

**FOR MORE THAN HALF A CENTURY,  
WE SUPPLY REFRACTORIES WORLDWIDE.**

Because we love our work, we assure our customers that we deliver high technology and best quality orientated products and services.

Beck u. Kaltheuner operates at two locations in Plettenberg as well as in Duisburg and has an experienced technical- and engineering department, its own product development site as well as an assembly department and a large machinery park.

The BEKA-team, consists of 107 well experienced constructors, electronic technicians, mechatronic technicians, procurement, sales engineers and has last but not least committed themselves to the production of valued and reliable refractories.

We are an innovative, medium-sized company, which was founded in 1953 in Plettenberg in the Sauerland. Today, we are known as a renowned, intercontinental supplier of refractories and carry our quality seal "Made in Plettenberg" into the world of refractories.



**HERE YOU GO  
TO THE IMAGE FILM**



**JUST SCAN**



// TOGETHER

# WHAT WE OFFER.

## Engineering – starting from the first drawing creating: the best!



At our engineering plant we develop all blocks and new linings for furnaces, but also complete systems. There, we work closely together with renowned furnace and plant constructors as well as universities.

## Research & development – the time does not stand still, we don't either!



We work with our research and development team continuously on innovative and economical product solutions for different kinds of applications, which are produced afterwards in our plants.

## Installation – from one of the best teams in Germany!



Our professional and experienced supervisors take care of demolition and installation of refractories and elements. Repairs with modern methods and tools is their everyday life.

// TOGETHER

# BEKA KNOW-HOW.



## Quality assurance - we achieve the maximum!

With the help of our ingenious quality management system, we are not only able to meet the demands of our customers, but to surpass them. Standardized and economical processes, combined with continuous controls, ensure that safety and health protection are in accordance with all necessary criteria, and beyond.



## Machinery – Full-Service by diversity!

With our balanced machinery park we are able to carry out demanding linings and repairs.



// TECHNOLOGY

# CEMENT.

## Refractories for cement production

The product portfolio of Beck u. Kalthener includes high-alumina monolithic products with special properties, specially designed and developed for use in cement plants. Excellent resistance to mechanical and thermal stresses, very high resistance to chemical corrosion by alkalis, chlorides and sulfates and a short heating-up time for lowest possible down times and maximum efficiency are just a few quality features that characterize our products.

## Construction and development

Cement is the most important raw material in the construction industry worldwide. More and more advanced and complex manufacturing methods also require special designed refractory solutions. The demand on the refractory materials are immense, this is why our BEKA construction & development specialists are constantly working on optimizations.



// TECHNOLOGY

# SERVICE.

Our scope of responsibility includes product development, engineering, manufacturing, application and assembly and, of course, to serve our customers to full satisfaction.

Find more informations under [beka-feuerfest.de/zement](https://www.beka-feuerfest.de/zement)

# TECHNOLOGIES.



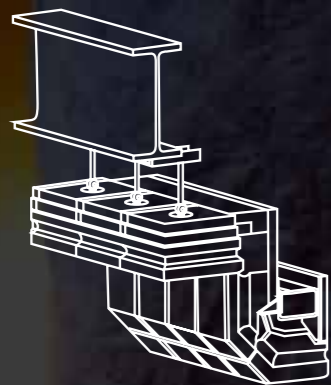
## ALUMINUM

Our service includes the maintenance as well as the repair of firm plants and can be executed while the system is running or switched off position.



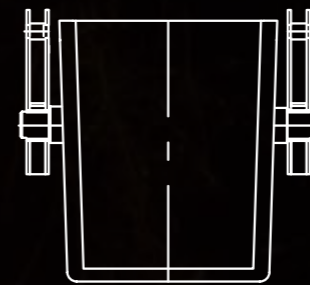
## BLAST FURNACE

The blast furnace route, so called integrated route, is still the most significant method in order to produce raw iron.



## FURNACE- & PLANT ENGINEERING

The supply program includes, among other roof systems, curved blocks, sandwich blocks, diaphragm blocks, furnace blocks, burner blocks and many more.



## STEEL PLANT

Accurate dimensions and all in one-hand service solutions, is our reaction to the worldwide increasing demands for refractory materials and monolithic prefabricated blocks.



## COKE OVENS

We have many years of experience in the delivery range of door plug systems with anchor bolts anchorage for coke oven doors.