

Project request

Please fill in this form to get an individual offer.
Your information will enable us to find the best possible solution for your project.



Customer data

Company	Contact	Function
PO box	Street	
Postcode	City	Country
Place of project implementation		
Website	Phone	Email

Subject of the request / project description

- New production plant Reconstruction / extension / conversion of an existing plant
 New machinery Dryer Kiln
 Other:

PLEASE NOTE: If possible, please send us pictures or drawings to ics@keller.de or by fax to +49 (0)5451 85557

Timeframe for implementation

Product list and production output

Size / Designation	Clay column width	Clay column height	Cutting length	Weight	Production output
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	
	mm	mm	mm	approx. kg	

* Please be sure to enclose sketches / drawings with dimensions.

We would be grateful if you could provide a separate listing, if there is not enough space in the above table.

Working times

_____ weeks / year _____ days / week _____ shifts / day
_____ hours / shift Number of maintenance shifts _____

Machinery

- Cutter Wet side Dry side Setting plant
 Unloading system Grinding machine Packing

Dryer

Dryer type Chamber dryer Tunnel dryer

Fuel Recovery heat from kiln
Possible amount of recovery heat from the existing kiln: _____ kg/h
Temperature of recovery heat: _____ °C

When decoupling dryer and kiln
Type of fuel: _____
Calorific value of fuel: _____

Size/Designation	Wet weight	Dry weight	Drying shrinkage	Preparation water content	Current drying time
	kg	kg	%	% on dry base	h
	kg	kg	%	% on dry base	h
	kg	kg	%	% on dry base	h

We would be grateful if you could provide a separate listing, if there is not enough space in the above table.

Kiln

Kiln type Chamber kiln Tunnel kiln ENVIRO kiln

Fuel Type of fuel: _____
Calorific value of fuel: _____

Size/Designation	Dry weight	Fired weight	Loss on ignition	Firing shrinkage	Firing time
	kg	kg	%	%	h
	kg	kg	%	%	h
	kg	kg	%	%	h

We would be grateful if you could provide a separate listing, if there is not enough space in the above table.

Electric data

Type of current _____
Operating voltage _____
Frequency _____

Average climatic conditions

Height above sea level _____ m Duration of a rain period _____ days/year
Duration of a frost period _____ days/year Relative annual humidity _____ %
Average precipitation _____ mm/year
Air temperature in summer max. _____ °C min. _____ °C
Air temperature in winter max. _____ °C min. _____ °C

Water

Is there water available? Yes No
Quality of the water Calcareous Salty Arenaceous

Type and components of the raw material

Arenaceous clay Lean sandy clay Plastic clay Very plastic clay
 Shale Clay schist Other clay type

Clay characteristics Brittle Solid
 Soft and plastic Hard (Degree of hardness: _____ MOHS)

In order to prepare a binding concept for you, we recommend to carry out an expert analysis of your raw materials and any preparation water used.

We would be pleased to provide you with an offer to carry out the corresponding analyses at our company's own application laboratory for ceramic raw materials. These analyses are subject to cost.

Has the raw material already been analysed? Yes No
If so, please enclose a copy of the analysis report.

Do you wish us to carry out an analysis of your raw material? Yes No
If so, please send us a sample of 50 kg of each raw material component to the following address:

Keller HCW GmbH, Anwendungslabor für keramische Rohstoffe
Carl-Keller-Straße 2-10, 49479 Ibbenbüren, Germany

Are there any detrimental inclusions contained in the clay material (e.g. lime, pyrite, bitumen etc.)?

What experience do you already have in the production of ceramic building materials?

Additional project information:

