

# MEGABLOC® - From a stone to a system



## From the idea to a stone

At the outset, there were two tasks which Rainer Koch, as a young entrepreneur had to solve some years ago. First: Remaining concrete from cement mixer vehicles should be used in an environmentally friendly way. Second: The own maintenance and storage facility should be organised in a clearly arranged way. It was probably the simultaneous search to find a solution for both tasks that spawned a unique, exceptional idea.

The idea was born to manufacture a stone from the remaining concrete of cement mixers that was able to „organise“ the own premises as a kind of an organising system.

This resulted in a heavy 2-ton stone made of high-grade concrete - nowadays known as the MEGABLOC. A stone which is precisely tailored to show accuracy in fitting when being stacked or lined up, which can be used in an individual way, which is absolutely reusable and ensures highest stability due to its tongue and groove technique while requiring little space.

To cut a long story short, an organising genius that comes up to the most various problems at the same time.

Initially designed for our own needs, this idea has developed into the MEGABLOC system of today.

It is a solid and variable building system that has met highest demands in practice in a reliable way for years. In the meantime, MEGABLOCS are produced in several locations in Europe. There is definitely one location also in your vicinity. Over the years, our product name has developed into a brand, yes even a staple, in the market.

We are known and searched for the name of MEGABLOC.



# From a stone to a system

## We take precautions...

Our MEGABLOC system is based on most varying demands which today are made to organising and wall systems. First and foremost, there is the demand for variability and flexibility.

Solidly built and static walls are only of short-term help to you, because subsequent modifications can only be carried out through demolition and building measures and costs involved with it. The problem often lies in the proper forecast of future developments with regard to quantity, mass, sort and business factors. So you need a system that grows in line with these factors thus representing a very reasonable alternative to stationary solutions.

By means of universal MEGABLOC applications we are in a position to solve for you almost all relevant problems in the following areas:

### Storage system

Partition walls, push walls and storage boxes

### Building system

Retaining walls, walls, foundations and substructures

### Protective system

Noise, wind, sight, ram, fire and flood protection

### Design system

Supporting walls, greenery and planting

Regardless of whether used outside or in closed halls, whether with or without roofing, MEGABLOC will solve your problem and meets the demands to set up durable, mobile and robust walls that can be installed, altered and extended quickly and easily without any foundations.

Feel free to ask us. We will be glad to advise and support you in the planning phase already by making use of our MEGABLOC know-how.

In the following you will find the most important benefits of the MEGABLOC system:

## Modularly extendable

Designed as a "construction kit", MEGABLOC offers you all the benefits of a modular system. According to your most varying demands, MEGABLOC can be easily set up, altered and extended. This can be carried out using internal labour at a reasonable price and in a contemporary way. To do that, you will only need wheel loaders, forklifts or power shovels and a chain suspension.

## Individually changeable

No matter what spatial conditions are at the root of your planning, MEGABLOC adapts itself making full use of the specified possibilities. The MEGABLOC system consists of several types of stone which can all be combined together.

## Universally useable

Whether used as a storage, building, protection or design system, MEGABLOC cuts a fine figure everywhere. Our system has been statically tested up to a wall height of 8 metres thus meeting almost any demands for a flexible and stable building system.

## Can be stacked in a steady way

The heavy-weight wall principle with tongue and groove connection makes it possible for individual blocks to be stacked on top of each other in a joint way. The massive building elements, weighing several tons each, do not need any other screw joints or even mortar. The connection with the existing set-up space is made by means of the MEGABLOC bottom attachments thus offering additional protection against mechanical thrusts. These hold, above all, push walls in an unshakeable way. Here too, all parts can also be reused, except for the steel anchors.

## Useable in a variable way

With MEGABLOC you have a building system that with regard to installation, modification and extension can be transformed within minutes. So walls that are no longer high enough can be raised simply by adding further layers, while boxes that have become too small can be simply enlarged by displacing the partition walls without any problems.

## Efficiently extensible

By means of simple modification and extension possibilities you have a system available that will meet your demands on a long-term basis. You need not pull down stationary walls or rebuild them, but you merely modify and supplement your existing MEGABLOC system with further stones.

## Ecologically reusable

Because of the loose connection of individual blocks there will not occur residues or demolition materials in case of architectural modifications. All parts can be easily reused.





## Everywhere on duty

By means of the most varying applications and industry sectors in which we are active, you can see how universal our MEGABLOC is like. In all these fields, our system shows that it meets the demands for stability, variability and efficiency - and that since many years.

- Waste management enterprises and waste sorting business
- Recycling companies and waste disposal sites
- Companies with bulk goods warehouse of any kind
- Goods handling plants
- Industrial plants - intermediate storage
- Communities
- Agriculture
- Horticulture and landscaping
- Harbour and warehouse companies
- Scrap trade and scrap dealers
- Construction material trade
- Building yards
- Sewage plants
- Cooperative societies
- Earth and compost plants
- Ground cleaning and processing companies
- Asphalt mixing plants
- Landscape architects/planners
- Plant contractor
- Engineering companies
- Environmental technology



# Your demands - our solution

Our system excels by its manifold applications.

## Walls

The classic field of application for the MEGABLOC system are partition walls, push walls, border walls and protective walls.

## Retaining walls

MEGABLOC is also an extremely practical system for supporting terrain steps, embankments and pits as well as for safeguarding slopes and hillsides.

## Substructures

Useable as a substructure for screening units, sorting plants, shredders, crushers, mills or similar things. Always when you want to remain variable, MEGABLOC is your right partner.

## Foundations

MEGABLOC is the ideal solution as a foundation for sign boards, signposts, road signs, fans, machines, motors, fences, wire nettings, tents, lightweight construction halls, transport units or conveyor belts.

## Dead weight

For example, used for cranes or for increasing traction of transport vehicles and tractors. MEGABLOC is a simple and effective solution which is quickly available.

You and we will also in future discover further applications, where MEGABLOC can quickly help and provide economic benefits.

Just talk to us. The MEGABLOC team is looking for your inquiry and will promptly respond.



## With MEGABLOC®, you can separate, arrange ...

The main requirements for MEGABLOC are to separate and arrange, no matter whether it is in halls, in the open air or with an own roofing. The smooth walls keep everything clean and well arranged. Using this system, you will safely shelter the most varying materials.

### Applications for the most various materials

- Glass
- Construction waste
- Timber, demolition wood, wood sawings
- Humus
- Sand, gravel, road metal
- Road and asphalt break-up
- Paper, cardboard, paper sludge

- Plastics
  - Fertilizer
  - Salt
  - Scrap, metals
  - Tyres
  - Sewage sludge
  - Earths
  - Substrates
  - Sugar beets
  - Slags, granulates
  - Household and commercial waste
  - Loppings
- and your special material!

### Special applications

- in case of sloping terrains
- Functional walls

### Applications with roofing

Roof structures made of timber or metal; roofs made of awnings, sheet with trapezoidal corrugations or corrugated slabs can be realised in all variations. Your individual specifications and requirements will decide on a solution in the form of a saddleback, pent, flat or cambered roof. However, thrust or elevating roofs are also possible. Just ask us!





## ... protect and build

### Applications involving doors and gates

Doors and gates can be fixed without any problems to the solidly built MEGABLOCS so that the materials stored are protected against atmospheric conditions, gazes and theft. But gates as a dust and noise protection, from inside to outside, are also useful additions to the MEGABLOC system protecting you, your property and your environment.

### Applications involving fences, wire nettings, meshes ..

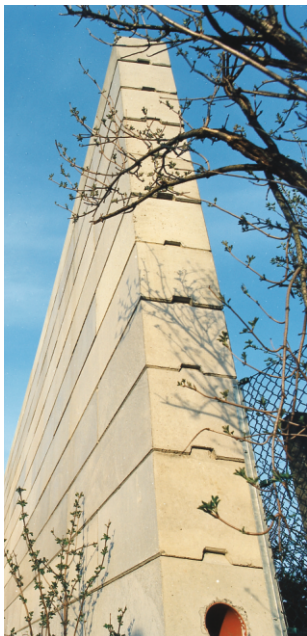
Nets that are put on MEGABLOC, for instance, protect large open depots like wood yards or bale warehouses against material drifts. Wire nettings and fences are simply inserted thus marking off sites efficiently.

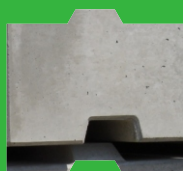
Especially when leased or rented spaces must be rebuild after use, MEGABLOCS are also simply relocated.

### Special applications

The potential fields of application for MEGABLOC are almost unlimited. In the following, we will present to you some special cases:

- Boxes for composting
- Special waste intermediate storage
- External walls for collecting points of recyclable material on a sealed disposal site. Roof-type terrain profile.
- Noise protection and screen walls with ductwork for service pipes, 6.6 m in height.





# MEGABLOC®

Our name is a programme. MEGABLOC is a concrete partition wall and organising system which due to its modularity meets all requirements for stability, variability and efficiency.

**MEGABLOC** GmbH & Co. KG

Ziegeleistraße 19  
D-72555 Metzingen

Telefon

Telefax

E-mail

Internet

+49 7123 961 160

+49 7123 961 111

[info@megabloc.de](mailto:info@megabloc.de)

[www.megabloc.de](http://www.megabloc.de)

