

alca

System walls



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Compact solution for every construction

Alcasystem is one solution for water supply, waste pipes, air conditioning, electrical installation, sanitary ware and sound insulation.

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The future is in prefabrication

Prefabrication of the walls saves time on the construction site. The wall can be brought to the construction site completely assembled with already integrated sanitary technology and water distribution.

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Simplify your construction

Simplify your construction The Alcasystem project team will help you to design and create a pre-wall sample to make sure everything is according to your requirements.

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Endless possibilities

Alcasystem offers a solution for every space. It is perfectly modular and offers a wide range of accessories, so you can turn it into any bathroom.

Meet the revolutionary system that will save you time, money and energy

Universal solution

FOR APARTMENTS, FAMILY HOUSES AS WELL AS LARGE DEVELOPMENT PROJECTS

The way of construction is different than before.

The number of craftsmen is decreasing every year. And the labour cost is increasing. Therefore, it is necessary to focus on new building solutions, new technologies and prefabricated systems. If you can use them skillfully, you can save time and money.

This is Alcasystem. A fast, simple, clean and affordable alternative to brick walls or plasterboards where increased strength and load requirements are placed on the wall.



Alcasystem

Modular system for construction and reconstruction of bathroom areas, toilets and other load-bearing structures

Fast, clean and quality construction

Cost and deadline optimization

Time saving



Integration

COMPACT SOLUTION FOR EVERY CONSTRUCTION

One solution for everything

Alcasystem is one solution for water supply, waste pipes, air conditioning, electrical installation, sanitary ware and sound insulation.

Every detail is perfectly thought out, as it gains from more than twenty years experience of Alcadrain and FV Plast companies, which in 2021 both became part of a Alca Holding. It combines the best of sanitary technology and piping systems.

Thanks to this, you have a guarantee of sufficient stock, top service and 100% production control in the Czech Republic.

alcadrain



alcafix



alcapipe



Quickly and creatively

Pre-wall and free-standing wall

The universal support frame adapts to any space and allows you to creatively implement various functional arrangements.



Prefabrication

THE FASTEST SOLUTION

Prefabrication of the walls saves time on the construction site.

It can be imported to construction site completely assembled with integrated sanitary technology and water distribution. Thanks to its low weight, it is easy to transport and easy to be manipulated with.

With the help of the prefabricated Alcasystem wall, you will save plenty of time compared to the classic brick process

up to **6x**
faster

BATHROOM WALL

7 m² area, WC system, mounting frame for sink, water distribution, waste pipes



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2h



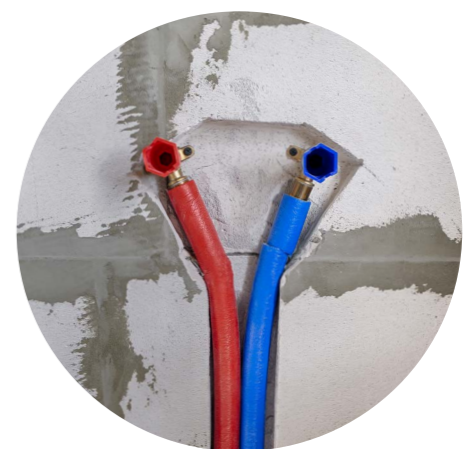
Alcasystem System wall

5h



Plasterboard pre-wall

12h



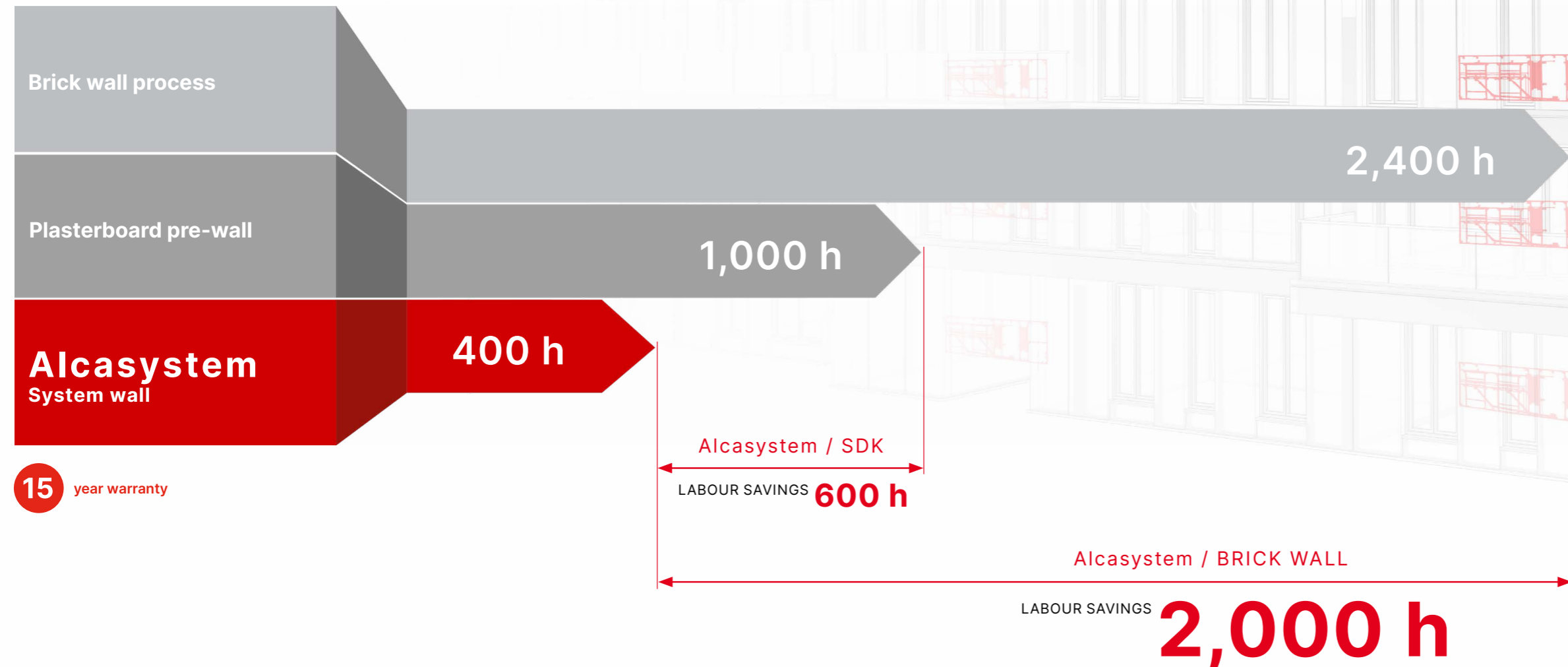
Classic brick process

Time saving

THE BIGGER THE PROJECT, THE BIGGER THE SAVINGS

For larger projects, the main benefit - speed - is multiplied.
If you opt for the prefabricated Alcasystem solution, you will save on multiple items.
On the craftsmen, on construction process breaks and on specialists who need not to return on the construction site.

time savings on a project with 200 walls



Perfect wall

COMBINES THE BENEFITS OF PLASTERBOARD AND BRICK CONSTRUCTIONS



Fast and clean construction

The wall can be variably combined. The installation, including the plasterboard wall covering, takes place in a dry way, so no construction process breaks are required.



Low weight, high solidity

The material used for the production of Alcasystem components excels in low weight and at the same time high strength. In addition, all sanitary ware and piping systems are integrated inside the pre-wall.



High load-bearing capacity of the wall

The system has been tested in German MPA testing laboratories according to European EAD standards. It is suitable for hanging heavy objects such as a water boiler, library and others.



Own production and stock

The production of profiles and all accessories takes place in Alcadrain. We keep the products on stock, thus guarantee fast delivery and reduce construction process breaks on the site.



Perfectly precise and straight walls

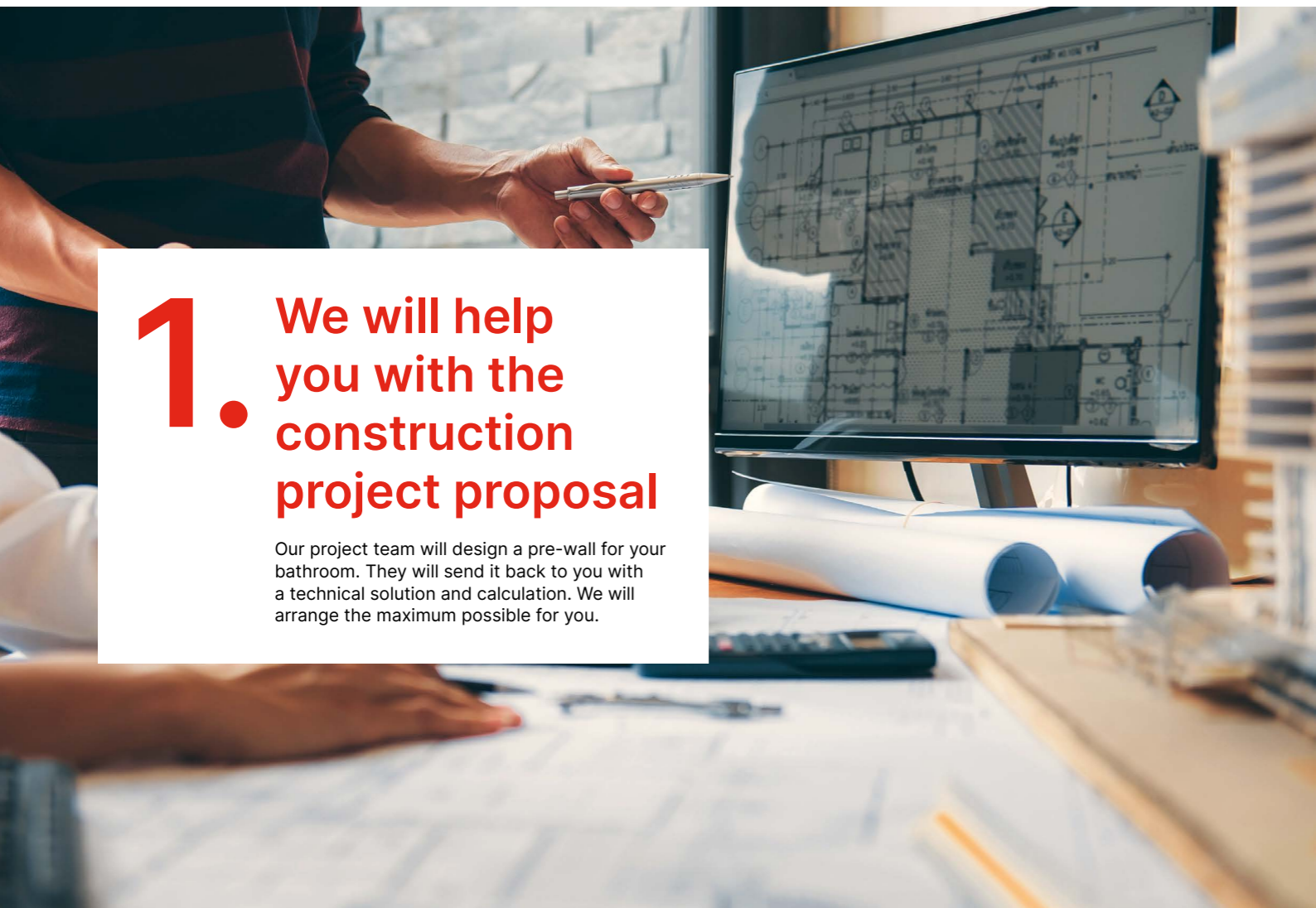
Alcasystem profiles are perfectly straight, joining with corner connectors always ensures a right angle. After placing the wall in the space, an absolutely flat and solid wall is created, ready to be covered with plasterboard. There is no danger of bending plasterboard or cracking tiles.

Simplify your construction

AS CREATED FOR LARGE PROJECTS

Maximum support for you

Thanks to our experience, we offer an extraordinary added value. Premium and time-tested solutions from Alcadrain and FV Plast, Czech production and thousands of successfully completed projects. We know all the pitfalls of construction and we know how to simplify it as much as possible.



1. We will help you with the construction project proposal

Our project team will design a pre-wall for your bathroom. They will send it back to you with a technical solution and calculation. We will arrange the maximum possible for you.

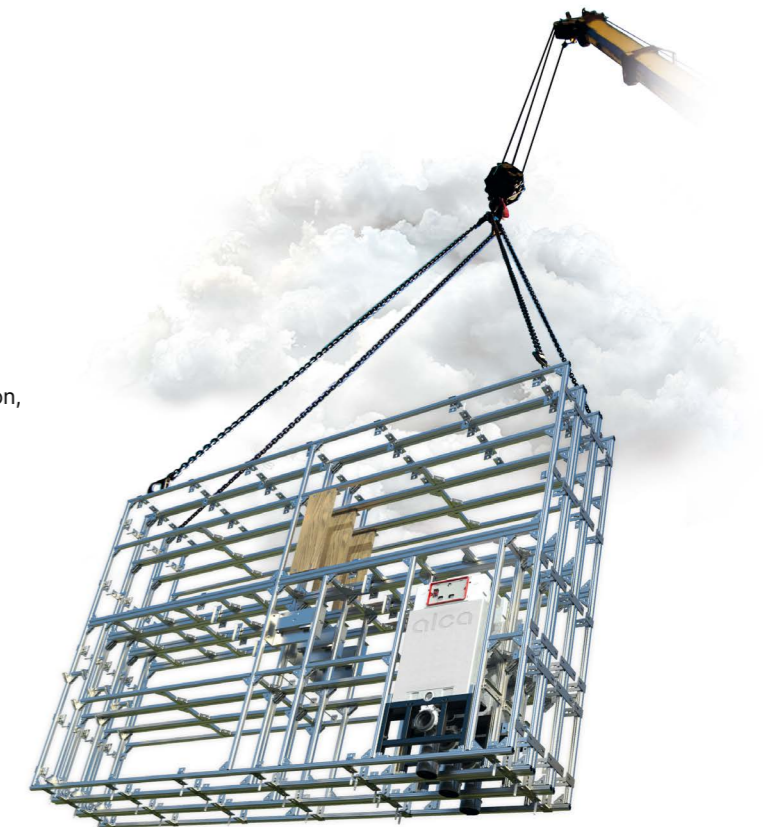
2. We will create a sample pre-wall

To make sure that everything is according to your needs, we will create the first pre-wall sample which we will fine-tune with you to the last detail.



3. We will deliver the assembled wall to the construction site

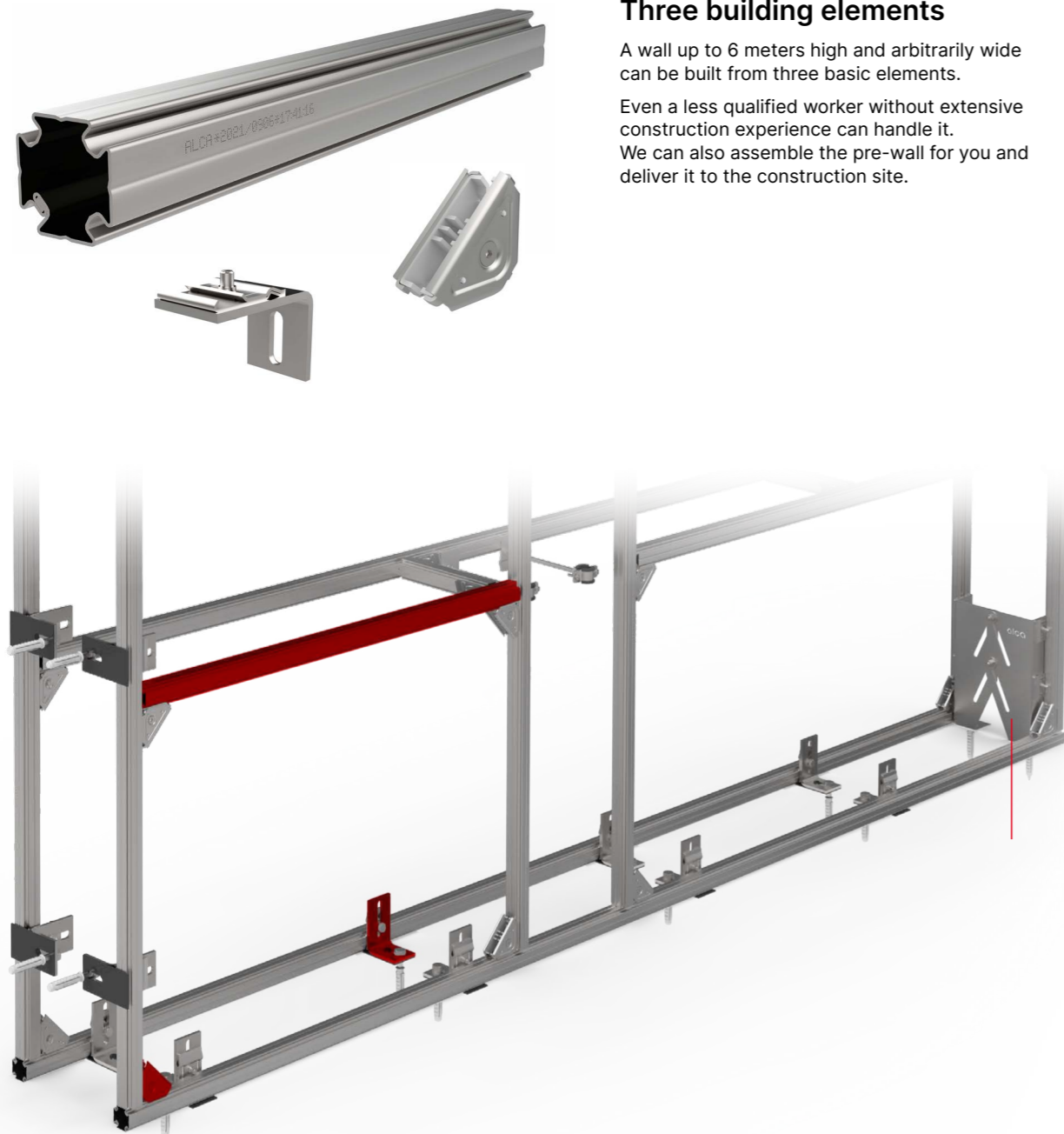
We guarantee not only first-class production, but also favorable delivery times. We will deliver the assembled pre-wall to the construction site using various types of transport according to the type of the project.



Extremely easy assembly

Three building elements

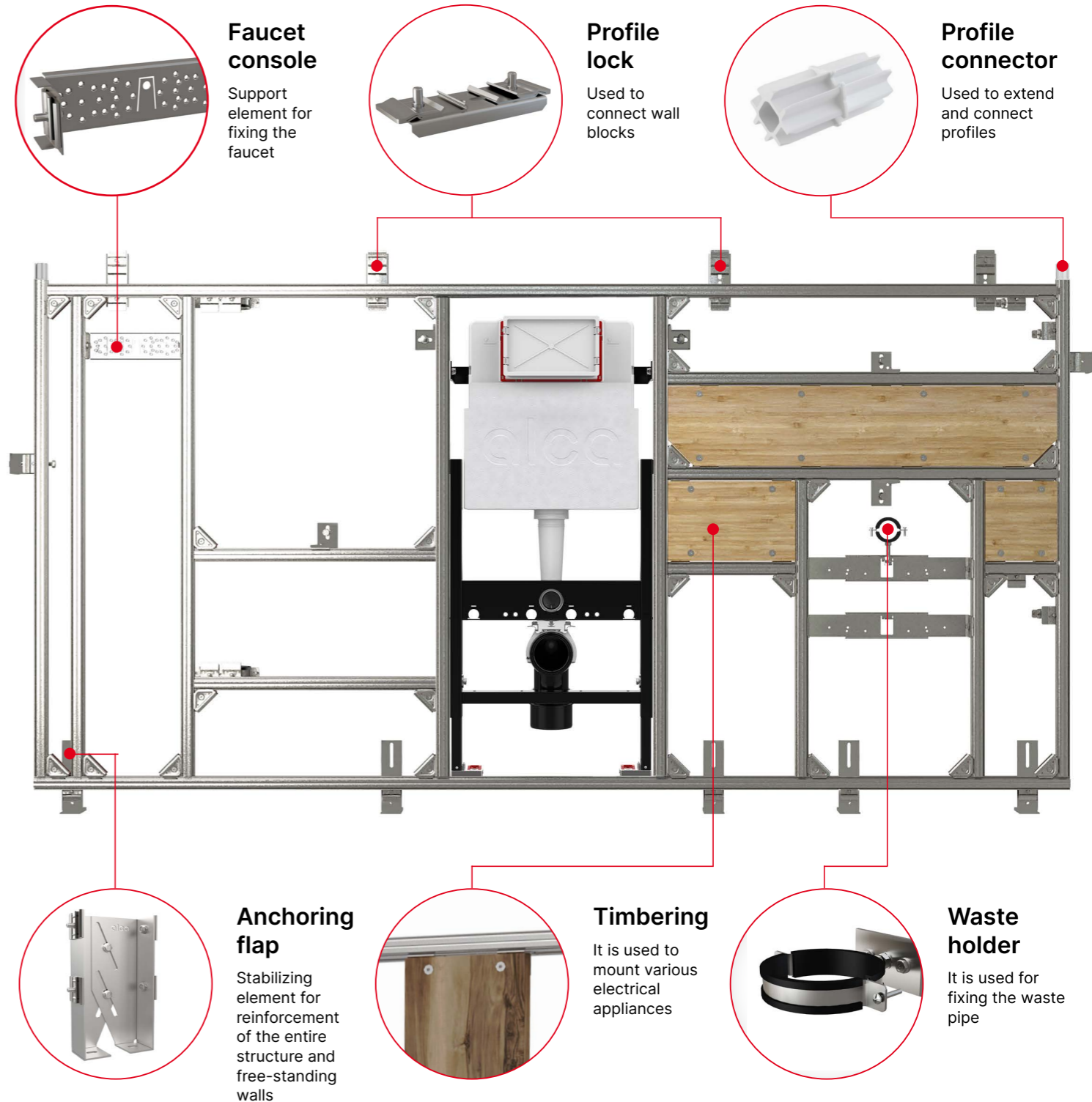
A wall up to 6 meters high and arbitrarily wide can be built from three basic elements. Even a less qualified worker without extensive construction experience can handle it. We can also assemble the pre-wall for you and deliver it to the construction site.



Bathroom without compromise

Plentiful accessories

Take advantage of a wide range of accessories that will allow you to create a desired bathroom. We guarantee a top craftsmanship and 100% compatibility of the Alcasystem elements.



Faucet console

Support element for fixing the faucet

Profile lock

Used to connect wall blocks

Profile connector

Used to extend and connect profiles

Anchoring flap

Stabilizing element for reinforcement of the entire structure and free-standing walls

Timbering

It is used to mount various electrical appliances

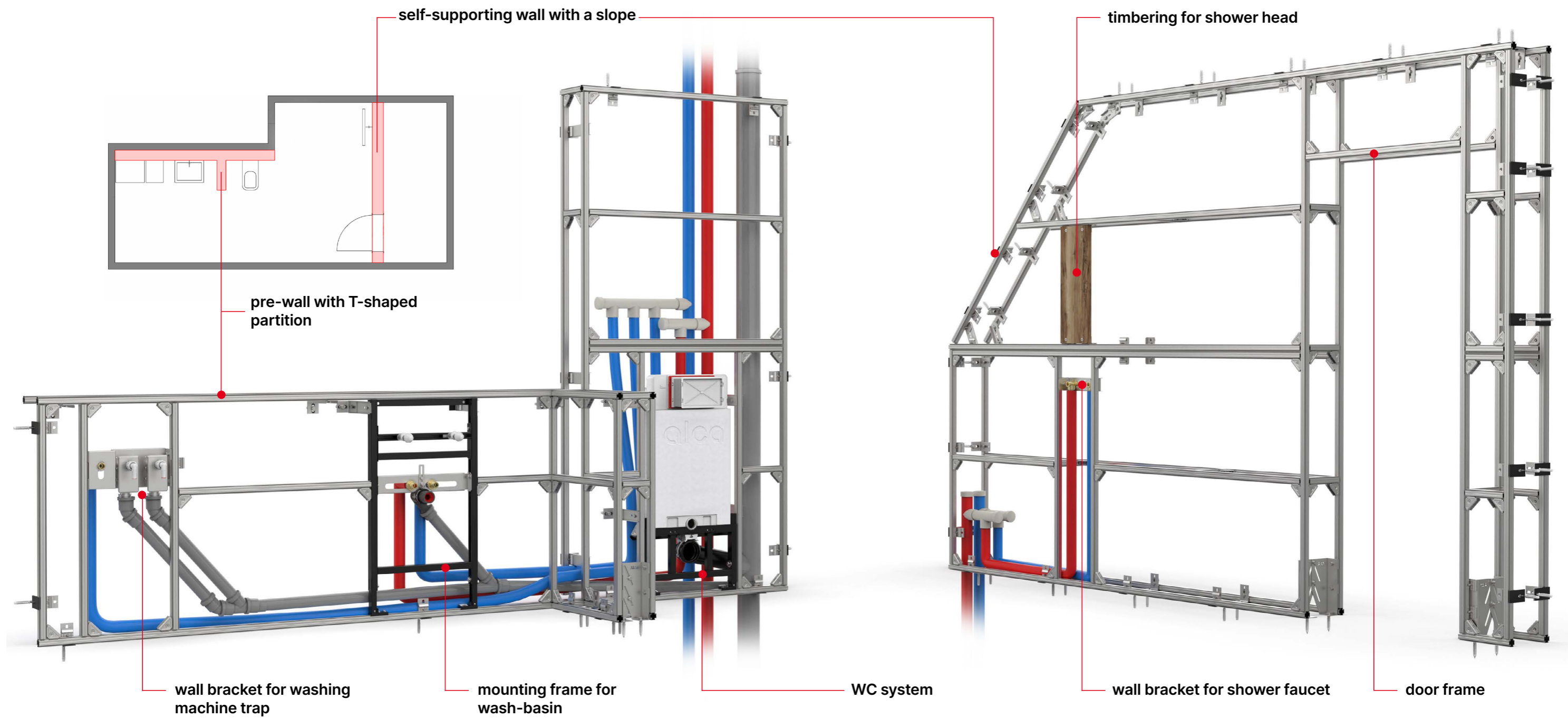
Waste holder

It is used for fixing the waste pipe

Extremely easy assembly

Solutions for any space

Whatever is your budget or space, there is always a great solution. Alcasystem is a perfectly modular system that can adapt to all types of projects. Everything your bathroom or toilet require can be integrated into the pre-wall.



Luxurious on the outside,
sophisticated inside

alca



We guarantee you quality

Long tradition and strong know-how

Also because we started as a family business and today we have 11 subsidiaries abroad and we export to more than 70 countries around the world.

We use the strong know-how of Alcadrain and FV Plast companies, which have been the Central European leaders in the field of sanitary and piping systems for more than two decades.

The development and production is purely in the Czech Republic, where we employ almost 1,000 people.



25 year warranty

Creating products that work reliably, meet customer requirements and enhance the quality of life is the mission of Alcadrain

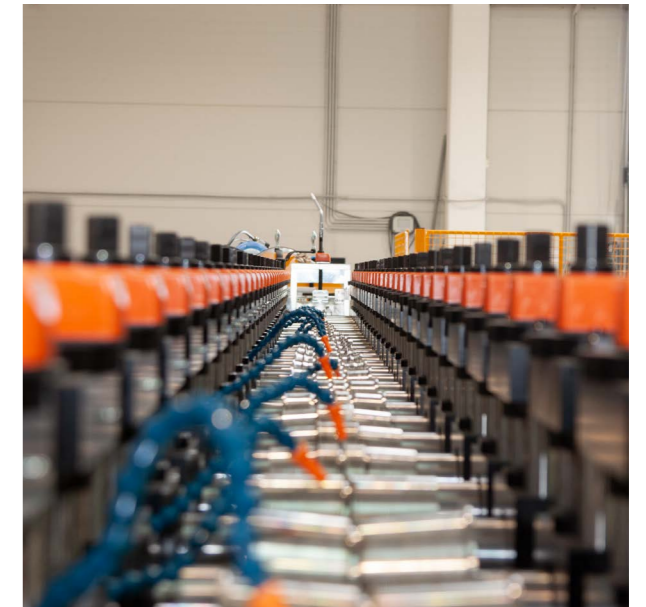
KNAUF

Developed and certified

iBMB MPA
TU BRAUNSCHWEIG

What we stand for:

- Professional planning
- Reliable assembly with a 15-year warranty on the complete system
- Compliance with building regulations
- Compliance with fire protection requirements
- Meeting the requirements for sound insulation



Simplify your construction with Alcasystem.

Alcasystem meets all important standards and quality certifications. Whether it is fire protection, sound insulation, statics or other construction regulations.

Above all, it opens up completely new possibilities for self-help construction as well as for large projects. Significant acceleration, sophisticated technology and cost savings.

alca GROUP

alcadrain

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Our team of specialists is always on hand to help with design, installation and quote project prices.

The warranty stated for individual products applies only to the functional technical properties of the product, does not apply to wear and tear of the product caused by its normal use or defects caused by non-compliance with general product handling principles or non-compliance with product instructions. Complete warranty conditions at www.alcadrain.com/guarantee.



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