PRODUCT AND APPLICATIONS
AUTOCLAVED AERATED CONCRETE

FAST & EASY INSTALLATION
MODULAR BUILDING SYSTEM
HIGH LOAD-BEARING CAPACITY
SUPER SMOOTH SURFACE
ALL ELEMENTS MADE IN ONE AIRCRETE FACTORY

ADVANTAGES OF AAC

**LIGHTWEIGHT**
**FIRE RESISTANT**
**FAST CONSTRUCTION**
**ENERGY EFFICIENT**

**SUPER SMOOTH surface**

**BLOCKS**
- Light weight
- Easy handling
- Good workability

**SUPER SMOOTH**

**LINTELS**
- High load-bearing capacity
- Versatile application

**CLADDING PANELS**
- Extra light facade structure
- Thickness 40mm
- Customized pattern design

**FLOOR AND ROOF PANELS**
- Superior natural insulation
- Light and strong (load-bearing)
- Time and cost-efficient installation
ALL ELEMENTS MADE IN ONE AIRCRETE FACTORY

LARGE VARIETY OF AAC PRODUCTS

WALL PANELS
- Excellent fire resistance
- Exact fit on site (no waste)
- Light and strong (load-bearing)

SUPER SMOOTH surface

PARTITION PANELS
- Time and cost-efficient installation
- Easy finish (grouting for cables)

SUPER SMOOTH surface

BLOCKS
- SUPER SMOOTH surface

U-BLOCKS

O-BLOCKS

WALL PANELS

FLOOR AND ROOF PANELS

PARTITION AND CLADDING PANELS

LINTELS
Manufacturing a complete AAC building solution is a next step towards your market expansion. Beyond the existing AAC blocks commodity market, there is a growing worldwide demand for integrated panel-based building solutions.

Aircrete supports the development of your local market through design of innovative buildings systems suited for residential, commercial and industrial construction.

We design new solutions or convert existing building designs into an optimized AAC panel-based building system. The dimensions of the panels are largely standardized to fit the optimal product portfolio (floors, walls, roofs, lintels) of Aircrete factories and to ensure a modular and efficient construction project.

Therefore, applying the Aircrete Building System results in direct time and cost savings in construction projects.

**AIRCRETE BUILDING SYSTEM**

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**Identify - Housing Design**
Use existing design (Customer) or New design (Aircrete)

**Determine - Local Conditions**
Climate zone, wind category, soil type, seismic activity

**Design - Plan of the Building**
Establish general architecture design using aircrete elements

**Finalise - Detailed report**
- Building drawing and Calculation report
- Part List - total amount and dimensions of wall, floor, roof panels
- Finishing elements (anchors, roof, windows, doors, electrical, etc.)

**Calculate - Total Project Cost**
Engineering + manufacturing + construction + finishing

Autoclaved Aerated Concrete (aircrete/AAC) is nowadays the most suitable building material for sustainable construction. The extensive product portfolio and outstanding material characteristics create the perfect foundation for modular, fast and eco-friendly building solutions which outperform traditional building materials.
UNIQUE ADVANTAGES OF AIRCRETE BUILDING SYSTEM

- Light and easy installation
- Reduced time and labor requirements
- Large format prefab panels
- SUPER SMOOTH surfaces = no plastering
With decades of experience and sales in over 100 different AAC plants in 20 countries on 6 different continents, Aircrete Europe is the recognized global leading developer and manufacturer of Autoclaved Aerated Concrete (AAC) machinery and technology for the production of AAC panels and blocks.

We design and deliver the most innovative turn-key AAC plants and cutting-edge plant technology around the world. Being your long-term exclusive project partner, we guide you through all the steps of planning, building and operating your AAC factory. We are a full technology partner, not just a machine supplier, resulting in maximum value creation.

Together we build your success!